

## AE Order Number Banner

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**Application Number:** pSYS2529553465

# Initial Application Part I

SWD-2680

SOLARIS WATER MIDSTREAM, LLC [371643]

Received: 10/16/2025

Revised March 23, 2017

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

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** \_\_\_\_\_ **OGRID Number:** \_\_\_\_\_  
**Well Name:** \_\_\_\_\_ **API:** \_\_\_\_\_  
**Pool:** \_\_\_\_\_ **Pool Code:** \_\_\_\_\_

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

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

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

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

[ I ] Commingling – Storage – Measurement

☐ DHC

☐ CTB

☐ PLC

☐ PC

☐ OLS

☐ OLM

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

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

**2) NOTIFICATION REQUIRED TO:** Check those which apply.

A. ☐ Offset operators or lease holders

B. ☐ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☐ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☐ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

**FOR OCD ONLY**

☐

Notice Complete

☐

Application  
Content  
Complete

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

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

Print or Type Name

Signature

Date

Phone Number

e-mail Address



October 16, 2025

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

Attn: Mr. Albert Chang, Director

*Re: Application of Solaris Water Midstream, LLC to permit for salt water disposal its Speedway Fed SWD #1, (API 30-015-TBD) located in Section 29, Township 23 South, Range 27 East, NMMPM, Eddy County, New Mexico.*

Dear Mr. Chang,

Please find enclosed form C-108 Application for Authority to Inject, supporting the above-referenced request to permit for disposal the subject well. This SWD prospect is proposed as a DMG disposal into the Bell and Cherry Canyon formations. We have carefully considered new guidelines for DMG injection which resulted from Chevron pursuing the DMG target for some of its SWDs recently. We believe the data and exhibits appropriately represent the intent for prudent operations into the Delaware Mountain Group as described.

Solaris Water Midstream, LLC seeks to optimize efficiency, both economically and operationally, of all its operations in southeast New Mexico. Approval of this application is consistent with that goal as well as the NMOCD's mission of preventing waste and protection of correlative rights.

Published legal notice ran in the August 21, 2025, edition of the Artesia Daily Press and offset operators and other affected parties have been notified individually. The well is located on fee land and minerals.

I respectfully request that the approval of this salt water disposal well proceed swiftly and if you or your staff requires additional information or has any questions, please do not hesitate to call or email me.

Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone".

Ben Stone, Partner  
SOS Consulting, LLC  
Agent for Solaris Water Midstream, LLC

Cc: Application attachment and file

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: **Salt Water Disposal** and the application **QUALIFIES** for administrative approval.
- II. OPERATOR: **Solaris Water Midstream, LLC**  
ADDRESS: **9651 Katy Freeway, Suite 400, Houston, Texas, 77024**
- CONTACT PARTY: **Agent: SOS Consulting, LLC – Ben Stone (936) 967-5950**
- III. WELL DATA: **All Well Data and Applicable Wellbore Diagrams and Packer Info are ATTACHED.**
- IV. **This is not an expansion of an existing project.**
- V. **A map is attached** 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. A **Tabulation is ATTACHED** of data on all wells of public record within the area of review which penetrate the proposed injection zone. **There are 5 wells, 2 P&A in the subject AOR which Penetrate the proposed DMG interval.** The data includes a description of each well's type, construction, date drilled, location, depth, and a schematic of any plugged well illustrating all plugging detail.
- VII. **The following data is ATTACHED** 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. **Appropriate geologic data on the injection zone is ATTACHED** 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. **Stimulation program – a conventional acid job of up to 30,000 gals. may be performed to clean and open the formation.**
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **NEW Well Logs will be run when drilled for completion and further zone analysis.**
- \*XI. **There are 3 active and 3 pending water wells within one mile of the proposed salt water disposal well per OSE data. One was sampled and analyzed and the results are ATTACHED.**
- XII. **An affirmative statement is ATTACHED that available geologic and engineering data has been examined and no evidence was found** of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. **"Proof of Notice" section on the next page of this form has been completed and ATTACHED. There are 5 offset lessees and/or operators within ONE mile Including state and federal minerals - all have been noticed. Location is Federal.**
- 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: **Ben Stone** TITLE: **SOS Consulting, LLC agent for Solaris Water Midstream, LLC**

SIGNATURE:  DATE: **10/16/2025**

E-MAIL ADDRESS: **ben@sosconsulting.us**

- \* 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

**FORM C-108 – APPLICATION FOR AUTHORIZATION TO INJECT (cont.)****III. WELL DATA – *The following information and data is included (See ATTACHED Wellbore Schematic):***

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 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 details 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 *pursuant to the following criteria is ATTACHED.***

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.**

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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.



|                                                                                                                                                                                                                                                          |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Santa Fe Main Office<br>Phone: (505) 476-3441 Fax: (55) 476-3462<br>General Information<br>Phone: (505) 629-6116<br><br>Online Phone Directory Visit:<br><a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a> | State of New Mexico<br>Energy, Minerals & Natural Resources<br>Department<br><b>OIL CONSERVATION DIVISION</b> | <div style="text-align: right;"> <b>C-102</b><br/>           Revised July 9, 2024<br/>           Submit Electronically<br/>           via OCD Permitting         </div> <div style="border: 1px solid black; padding: 2px;">           Submittal Type:           <div style="float: right;"> <input type="checkbox"/> Initial Submittal<br/> <input type="checkbox"/> Amended Report<br/> <input type="checkbox"/> As Drilled           </div> </div> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**WELL LOCATION INFORMATION**

|                                                                                                                                             |                                                    |                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| API Number                                                                                                                                  | Pool Code                                          | Pool Name                                                                                                                                   |
| Property Code                                                                                                                               | Property Name <b>SPEEDWAY FED SWD</b>              | Well Number <b>#1</b>                                                                                                                       |
| OGRID No.                                                                                                                                   | Operator Name <b>SOLARIS WATER MIDSTREAM, LLC.</b> | Ground Level Elevation <b>3223'</b>                                                                                                         |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

**Surface Location**

|                |                      |                         |                      |     |                               |                                  |                            |                              |                       |
|----------------|----------------------|-------------------------|----------------------|-----|-------------------------------|----------------------------------|----------------------------|------------------------------|-----------------------|
| UL<br><b>N</b> | Section<br><b>29</b> | Township<br><b>23-S</b> | Range<br><b>27-E</b> | Lot | Ft. from N/S<br><b>40 FSL</b> | Ft. from E/W<br><b>2,439 FWL</b> | Latitude<br>32.268449397°N | Longitude<br>104.212900021°W | County<br><b>EDDY</b> |
|----------------|----------------------|-------------------------|----------------------|-----|-------------------------------|----------------------------------|----------------------------|------------------------------|-----------------------|

**Bottom Hole Location**

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

|                 |                         |                   |                                                                                                    |                    |
|-----------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| 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 |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|

**First Take Point (FTP)**

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

**Last Take Point (LTP)**

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

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

**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.

Signature

Date

Printed Name

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

Date of Survey

29786

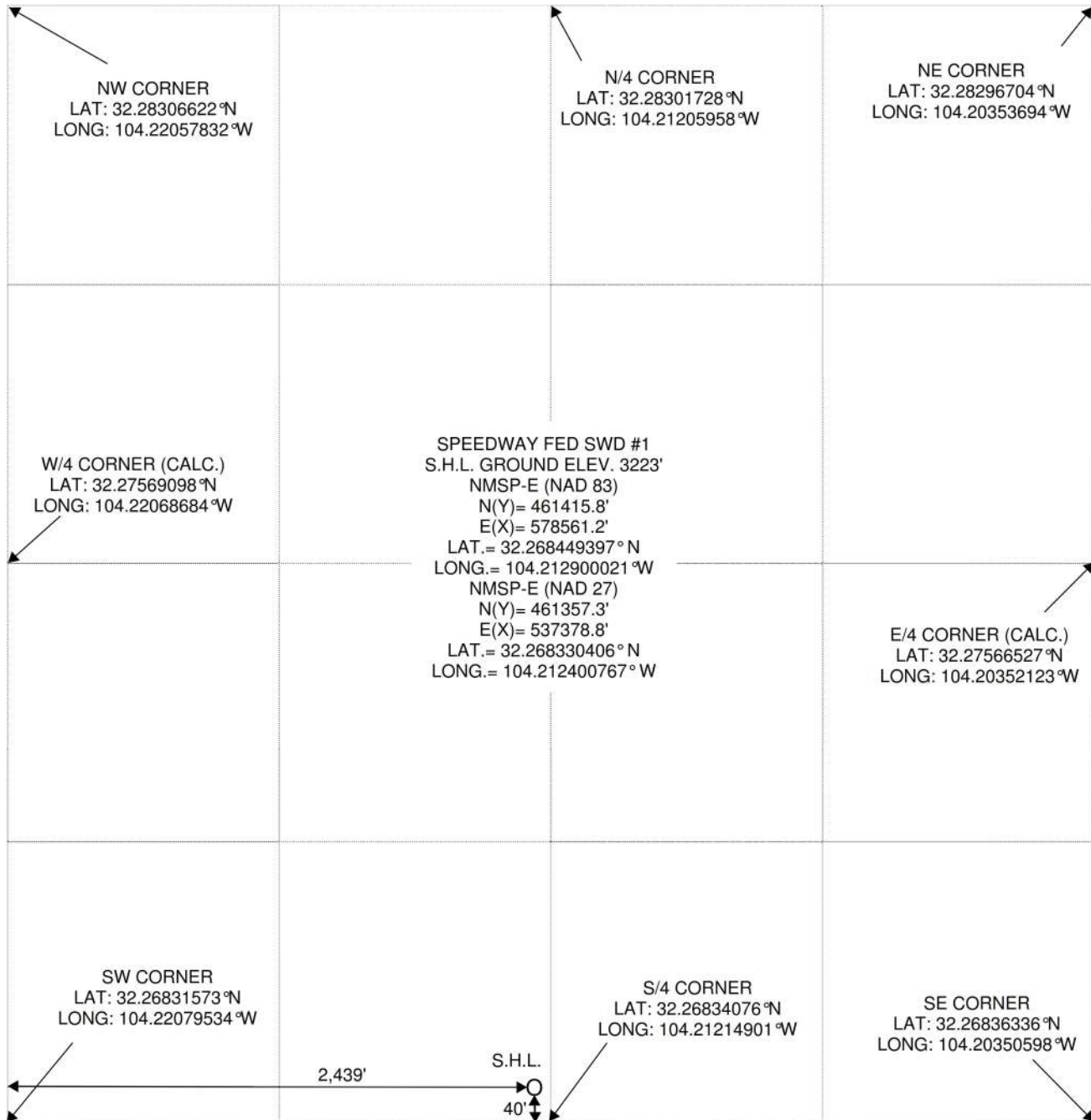
7-15-2025

**REV. 0**  
**7-21-25**

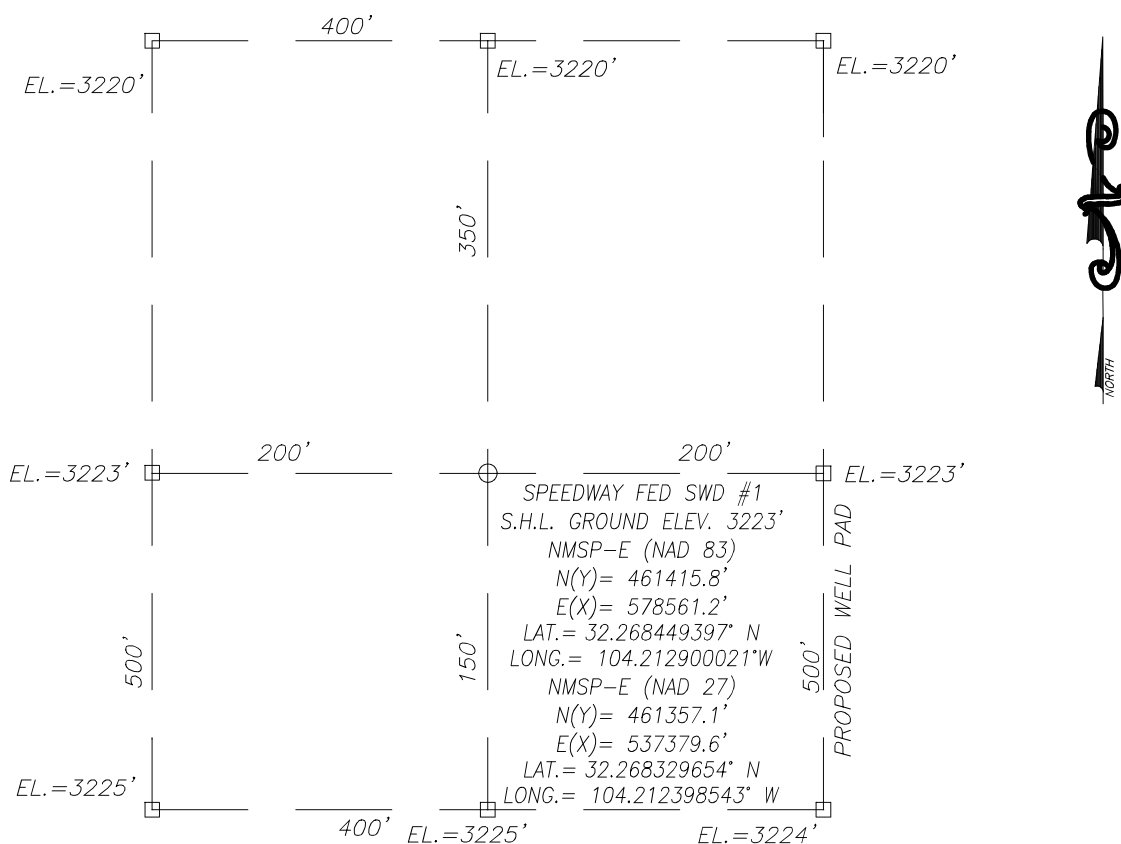
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



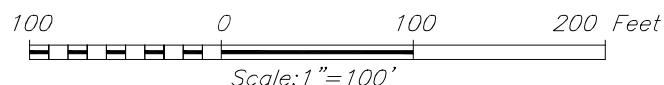
SECTION 29, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN CARLSBAD, NEW MEXICO AT THE INTERSECTION OF U.S. HWY. 62 AND WEST GREENE ST. HEAD SOUTH ON U.S. HWY. 62  $\pm 14.8$  MILES. TURN LEFT AND HEAD EAST ON COUNTY ROAD 720  $\pm 2.25$  MILES. TURN LEFT AND HEAD NORTH ON COUNTY ROAD 763  $\pm 4.4$  MILES. TURN LEFT AND HEAD NORTH ON COUNTY ROAD 748 FOR  $\pm 1.0$  MILE. THE WELL STAKED LOCATION FLAG IS EAST  $\pm 2,372$  FEET.

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



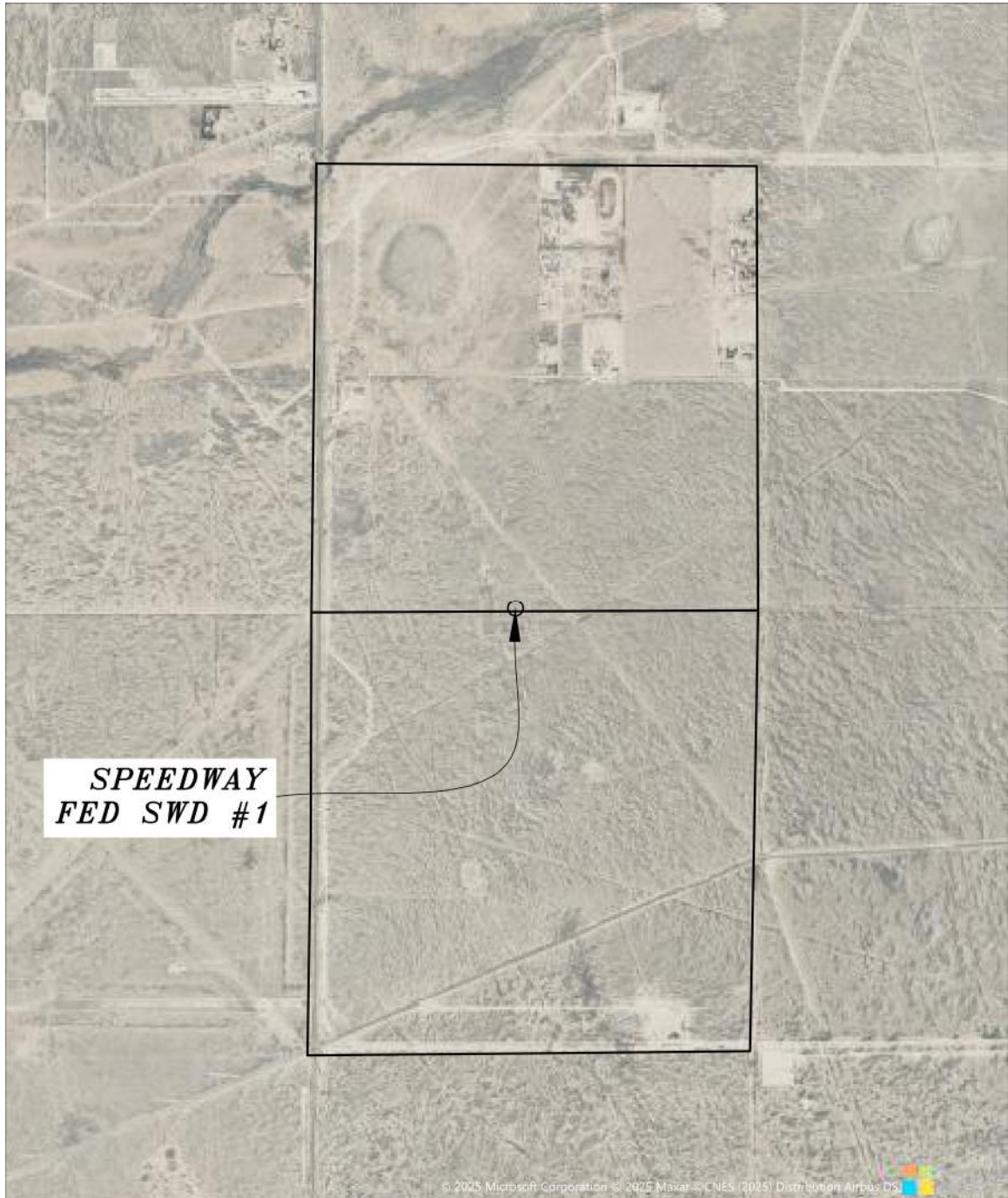
DOWNTOWN DESIGN SERVICES, INC.  
16 EAST 16th STREET, SUITE 400  
TULSA, OK 74119  
Tel: 918-592-3374 Fax: 918-221-3940  
www.ddsiglobal.com

**SOLARIS WATER MIDSTREAM, LLC.**

SPEEDWAY FED SWD #1  
LOCATED 40 FEET FROM THE SOUTH LINE  
AND 2,439 FEET FROM THE WEST LINE OF SECTION 29,  
TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD #1   |               |

## VICINITY MAP



SEC. 29 TWP. 23-S RGE. 27-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 40' F.S.L. & 2,439' F.W.L.  
 N.A.V.D. 88 ELEVATION 3223'  
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.  
 LEASE SPEEDWAY FED SWD #1  
 U.S.G.S. TOPOGRAPHIC MAP  
EDDY, N.M.

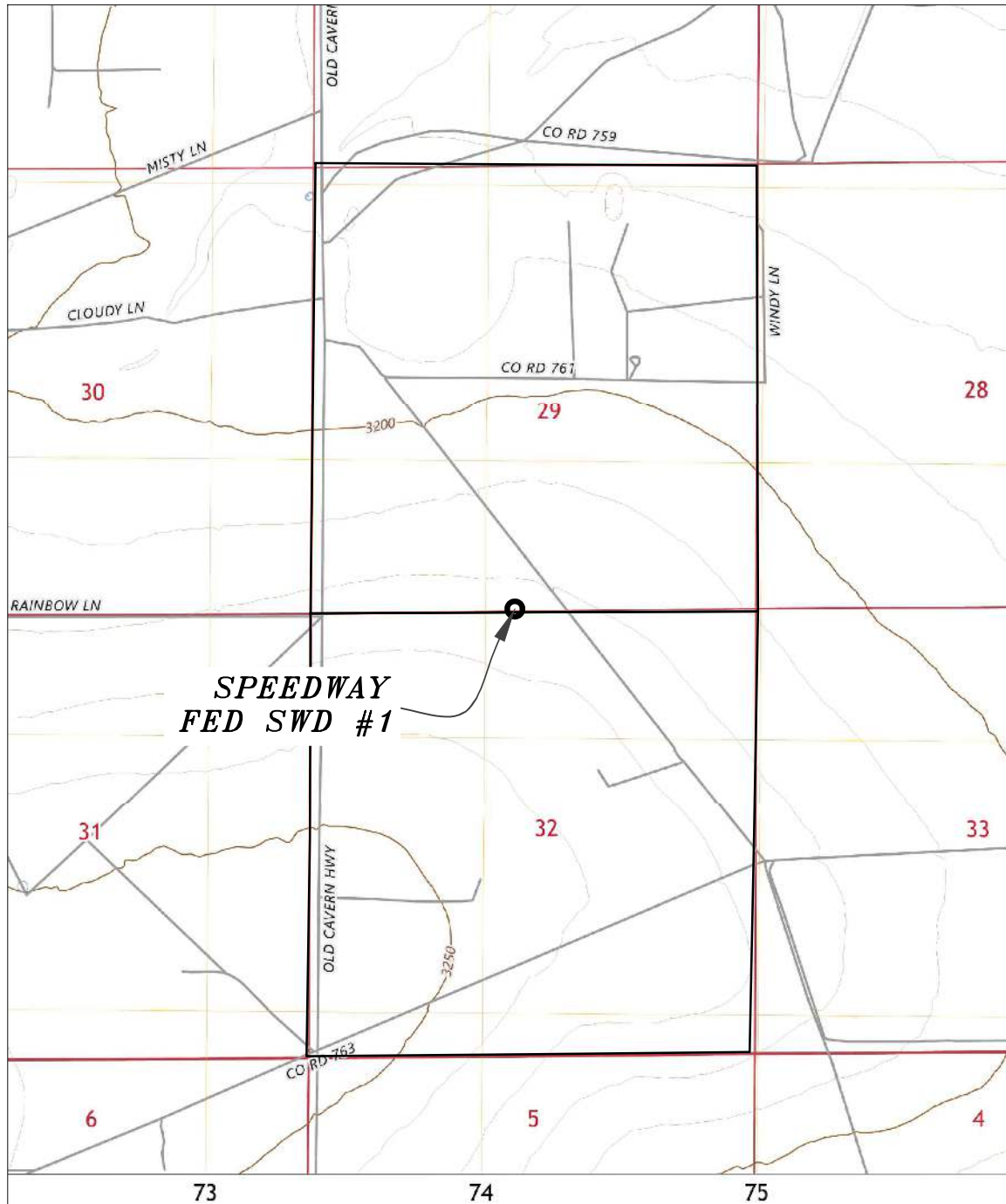
SCALE: 1" = 2000'

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

**SOLARIS WATER MIDSTREAM, LLC.**

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD#1    |               |

# LOCATION VERIFICATION MAP



CONTOUR INTERVAL: 10'

SEC. 29 TWP. 23-S RGE. 27-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 40' F.S.L. & 2,439' F.W.L.  
 N.A.V.D. 88 ELEVATION 3223'  
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.  
 LEASE SPEEDWAY FED SWD #1  
 U.S.G.S. TOPOGRAPHIC MAP  
 EDDY, N.M.

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

## SOLARIS WATER MIDSTREAM, LLC.

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD#1    |               |

## **C-108 - Items III, IV, V, VI**

### **Item III - Subject Well Data**

1. Wellbore Diagram – PROPOSED
2. Packer Specifications/ Diagram

### **Item IV – Expansion of Existing**

No, Not an Expansion

### **Item V – Area of Review Maps**

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. One-Half Mile AOR Map

### **Item VI – Tabulation of AOR Wells**

1. Tabulation Attached; 5 Wells Penetrate the Proposed Injection Interval, 3 P&A
2. Plugging Diagrams for 2 Wells

*All Above Exhibits follow this page...*



# WELL SCHEMATIC - PROPOSED Speedway Fed SWD #1

API 30-015-xxxxx

40' FSL & 2439' FWL, SEC. 29-23S-R27E  
EDDY COUNTY, NEW MEXICO

SWD; Bell Canyon-Cherry Canyon (96802)

Spud Date: ~4/15/2026

Config SWD Dt: ~5/01/2026

Injection Pressure Regulated  
and Volumes Reported  
433 psi Max. Surface (0.2 psi/ft)**Surface Casing**13.375" Csg. (17.5" Hole) @ 575'  
400 sx - Circulated to Surface**Solaris Water Midstream, LLC**

**Drill and Complete New SWD:**  
 Drill and set casing as shown (25%-50% excess Cmt).  
 Perforate select intervals w/ 4-8 jsf.  
 Acidize w/ up to ~30,000 gals 15% HCl  
 Run PC Tubing and PKR - Conduct Witnessed MIT.  
 Commence Disposal Operations.

File all appropriate sundry and C-105 Completion Reports.

Annulus Monitored  
or open to atmosphere

GL: 3223'

575'

Annulus Loaded  
w/ Inert Packer Fluid

## OFFSET LOG STRIP

B/SLT: 1880'

2000

LMR: 2031'

BELL CN: 2116'

CHRY CN: 2826'

3000

BRSHY CN: 3902'

4000

2150'

GROSS  
INJECTION  
INTERVAL  
(2156'-3852')

5.5" IC Tubing (or smaller)

PKR ~2066'+

Note: PKR Set 100' Above Final Uppermost Perf Interval.

**Intermediate Casing**9.625", 36.0# J-55 Csg. (12.25" Hole) @ 2150'  
475 sx - Circulated to Surface

DMG Perfs - 2166'-3852'

Bell Canyon &amp; Cherry Canyon Selectively Perforated

**Production Casing**7.625", 29.7# P-110 Csg. (8.75" Hole) @ 4,000';  
375 sx 'C' - Calc'd to Circ.

DTD @ 4000'

Drawn by: Ben Stone, 9/20/2025





# *Arrowset I-XS*

## *Mechanical Packer*

Weatherford's Arrowset I-XS mechanical packer is a versatile, field-proven retrievable double-grip packer for isolating the annulus from the production conduit. The packer can be set with tension or compression.

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 packer also has a straight-pull safety release.

### *Applications*

- Production
- Pumping
- Injection
- Fiberglass tubing
- Completions requiring periodic casing-integrity tests
- Zonal isolation

### *Features, Advantages and Benefits*

- The design holds differential pressure from above or below, enabling the packer to meet most production, stimulation, and injection needs.
- The packer can be set with compression or tension, 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 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.





Weatherford®

Packer Systems

## Arrowset I-XS Mechanical Packer

### Specifications

| Casing         |                              |                           |                           | Packer                    |                           |                                           |                   |
|----------------|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------------------------|-------------------|
| OD<br>(in./mm) | Weight<br>(lb/ft, kg/m)      | Minimum<br>ID<br>(in./mm) | Maximum<br>ID<br>(in./mm) | Maximum<br>OD<br>(in./mm) | Minimum<br>ID<br>(in./mm) | Standard Thread<br>Connection<br>(in./mm) | Product<br>Number |
| 4-1/2<br>114.3 | 9.5 to 13.5<br>14.1 to 20.1  | 3.920<br>99.57            | 4.090<br>103.89           | 3.750<br>95.25            | 1.985<br>50.42            | 2-3/8 EUE 8 Rd                            | 604-45            |
| 5-1/2<br>139.7 | 14.0 to 17.0<br>20.8 to 25.3 | 4.892<br>124.26           | 5.012<br>127.30           | 4.515<br>114.68           | 1.985<br>50.42            | 2-3/8 EUE 8 Rd                            | 604-55            |
|                |                              |                           |                           | 4.625<br>117.48           |                           | 2-7/8 EUE 8 Rd                            | 604-56            |
|                | 20.0 to 23.0<br>29.8 to 34.2 | 4.670<br>118.62           | 4.778<br>121.36           | 4.515<br>114.68           |                           | 2-3/8 EUE 8 Rd                            | 604-57            |
|                |                              |                           |                           |                           |                           | 2-7/8 EUE 8 Rd                            | 604-59-000        |
| 6-5/8<br>168.3 | 24.0 to 32.0<br>35.7 to 47.6 | 5.675<br>144.15           | 5.921<br>150.39           | 5.515<br>140.08           | 2.375<br>60.33            | 2-7/8 EUE 8 Rd                            | 604-65            |
|                | 17.0 to 24.0<br>25.3 to 35.7 | 5.921<br>150.39           | 6.135<br>155.83           | 5.750<br>146.00           |                           |                                           | 604-68            |
| 7<br>177.8     | 17.0 to 26.0<br>25.7 to 39.3 | 6.276<br>159.41           | 6.538<br>166.07           | 5.515<br>140.08           | 2.375<br>60.33            | 2-7/8 EUE 8 Rd                            | 604-72            |
|                |                              |                           |                           | 6.000<br>152.40           | 3.000<br>76.20            | 3-1/2 EUE 8 Rd                            | 604-74            |

### Options

- Elastomer options are available for hostile environments.

For internal use

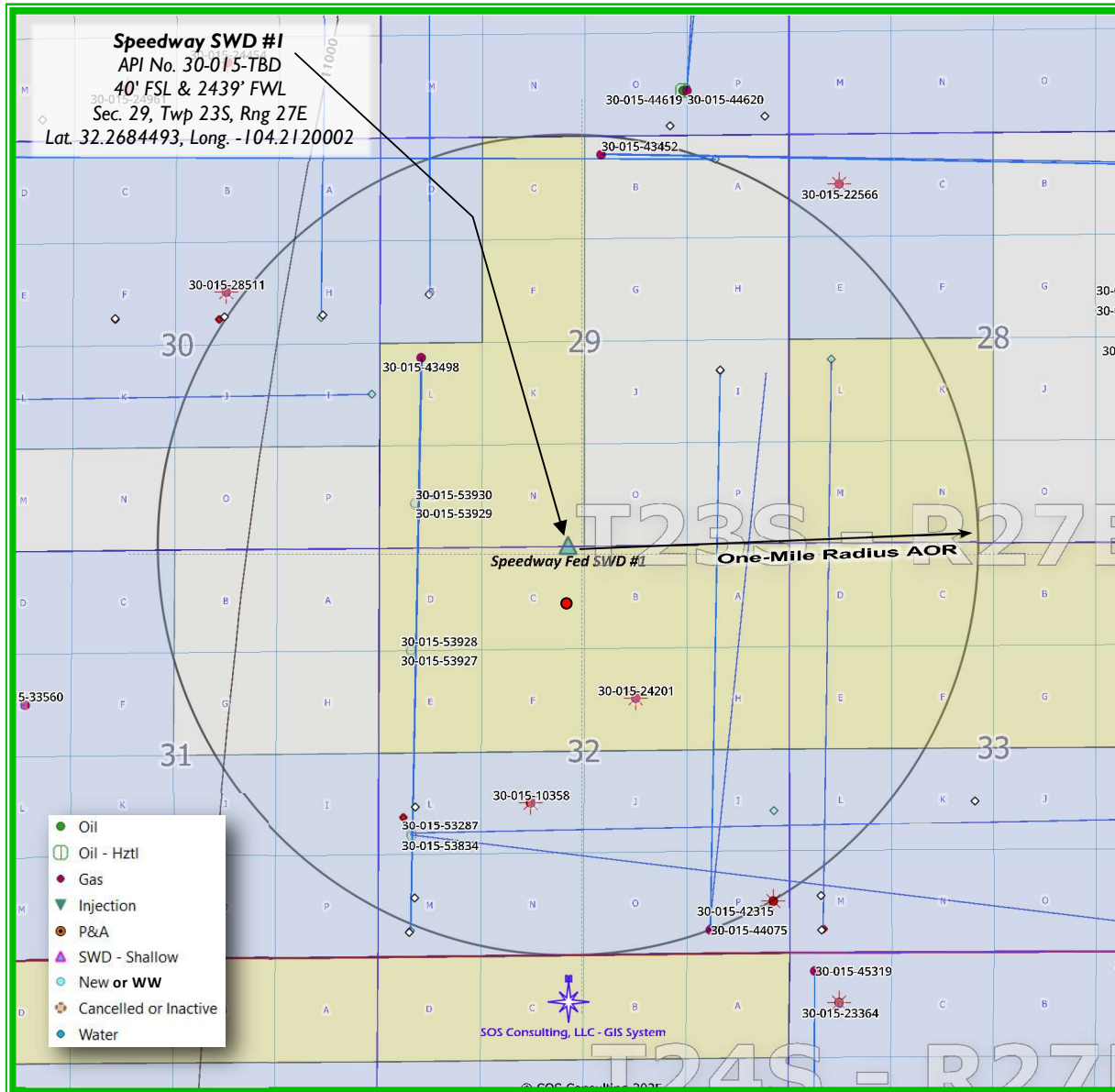
Link to Endeca assembly part numbers: [Arrowset I-XS Mechanical Packer](#)

(Attachment to NMOCD Form C-108 - Item V)

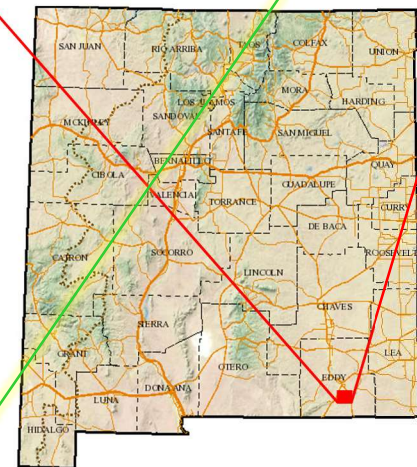
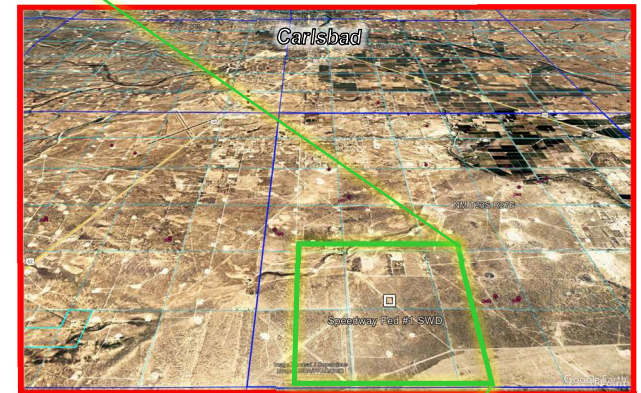


# Speedway SWD Well #1 - Area of Review / Overview Map

(Attachment to NMOCD Form C-108, Application for Authority to Inject.)



~9.7 miles South of Carlsbad, NM



Eddy County, New Mexico



## Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed DMG Interval 2166'

5 Wells Penetrate Proposed Interval.

| API No.                                                                                                                                                                                                     | Operator                 | Well Name & No.                    | Type | Status | ULSTR        | Lease   | SPUD Date  | Vertical Depth | Plug Date               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------|------|--------|--------------|---------|------------|----------------|-------------------------|
| 30-015-43452                                                                                                                                                                                                | MEWBOURNE OIL CO         | GOOSE 29 28 W2BA STATE COM #001H   | Gas  | Active | B-29-23S-27E | State   | 1/24/2016  | 9481'          |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 10,185'-17,100' (~9900' V); 13-3/8" @ 480' w/550sx, 9.625" @ 1940' W/ 600 sx, 7.0" @ 10,133' w/ 950 sx, 4.5" @ 16,073' w/350sx; TOC=Calc. to Circ., Lst Prd June 2025   |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-43498                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 32 W0LM FEDERAL COM #001H | Gas  | Active | L-29-23S-27E | Federal | 12/31/2015 | 9075'          |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 9,290'-16,105' (~9100' V); 13-3/8" @ 469' w/500sx, 9.625" @ 1946' W/ 700 sx, 7.0" @ 9393' w/ 950 sx, 4.5" @ 16,131' w/350sx; TOC=Calc. to Circ., Lst Prd June 2025      |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53929                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 28 W0MP FEDERAL COM #001H | Gas  | New    | M-29-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53930                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 28 W0LI FEDERAL COM #001H | Gas  | New    | M-29-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53927                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 W0EH FEDERAL COM #001H | Gas  | New    | D-32-23S-27E | Federal | 8/3/2023   | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53928                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 W0DA FEDERAL COM #001H | Gas  | New    | D-32-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-24201                                                                                                                                                                                                | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001               | Oil  | P&A-R  | G-32-23S-27E | Federal | 12/31/1899 | 0'             | 12/31/1899              |
|                                                                                                                                                                                                             |                          |                                    |      |        |              |         |            |                | P&A Diagram attached... |
| 30-015-10358                                                                                                                                                                                                | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001               | Oil  | P&A-R  | K-32-23S-27E | State   | 12/31/1899 | 0'             | 12/31/1899              |
|                                                                                                                                                                                                             |                          |                                    |      |        |              |         |            |                | P&A Diagram attached... |
| 30-015-53286                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #718H        | Gas  | New    | L-32-23S-27E | Private | 5/17/2024  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53287                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #716H        | Gas  | New    | L-32-23S-27E | Private | 5/31/2023  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53834                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #828H        | Gas  | New    | L-32-23S-27E | State   | 7/18/2023  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-44075                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 29 W2PI FEDERAL COM #001H | Gas  | Active | P-32-23S-27E | State   | 3/11/2019  | 10009'         |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 10,102'-17,245' (~10,000' V); 13-3/8" @ 425' w/450sx, 9.625" @ 2045' W/ 650 sx, 7.0" @ 10,255' w/ 850 sx, 4.5" @ 17,245' w/500sx; TOC=Calc. to Circ., Lst Prd June 2025 |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-42315                                                                                                                                                                                                | MEWBOURNE OIL CO         | COLOSSAL BUO STATE #002            | Oil  | P&A-R  | P-32-23S-27E | State   | 5/28/2014  | 175'           | 3/30/2016               |
| DOES NOT PENETRATE                                                                                                                                                                                          |                          |                                    |      |        |              |         |            |                |                         |

SUMMARY: 5 wells penetrate the proposed disposal interval, 3 Active &amp; 2 P&amp;A.

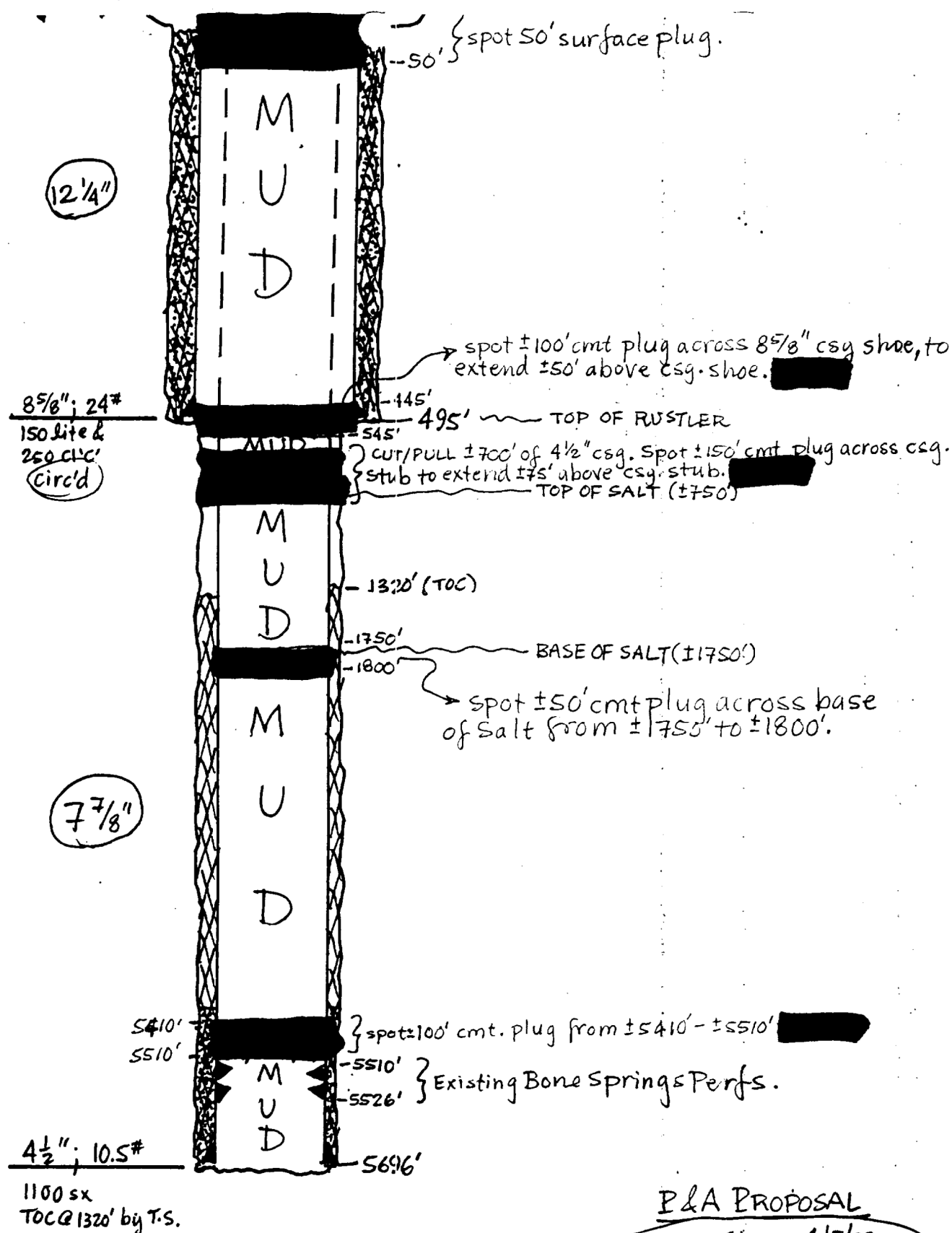


1976' FSL & 1980' FWL, SEC. 32-T23S-R27E  
EDDY COUNTY, NEW MEXICO

Spud Date: 9/17/1964  
1st P&A Date: 12/01/1965  
Reentry Date: 2/16/1982  
2nd P&A Date: 4/10/1988



OPERATOR: DESANIA CORP.  
 WELL: Phillips Fed. 'CG' #1  
 LOCATION: SWNE of S32, T23S, R27E, Eddy County, NM  
 LEASE NO: NM-0540701 (A)



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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--" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR  
The Desana Corporation

3. ADDRESS OF OPERATOR  
3131 Turtle Creek Blvd. Ste. 400 Dallas, TX 75219-5415

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1980' FNL & 1980' FEL Sec. 32-T23S-R27E

5. PERMIT NO.  
30-015-24201

6. ELEVATIONS (Show whether of, at, or, etc.)  
3232.3' GL

7. LEASE DESIGNATION AND SERIAL NO.  
NM-0540701-A

8. IF INDEAN, ALLOTTEE OF TRIBE NAME

9. UNIT/AGREEMENT NAME

10. FIELD/LEASE NAME  
Phillips Federal CG

11. WELLS, P.O., OR WILDCAT  
Wildcat-Bone Spring

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

14. SEC. 32-T23S-R27E

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

REGRIT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER Casing

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

4/26/88- MIRU, pull and LD 51-7/8" rods, 153-3/4" rods, pump; released tubing anchor pull 84 stands of 2-3/8" tbg., plus 1 single, mud anchor, FL @ 375' from surf. @ start.

4/27/88- TIH w/2-3/8" tbg. to 5333', loaded hole with 9.5 ppg mud, spotted 25 sx cem plug, TOH to 1803', tag TOC with wireline @ 4950'; spot 15 sx cem. plug @ 1803'.

4/28/88- Cut 4-1/2" csg. @ 680', pulled 16 jts. 4-1/2" csg., ran 2-3/8" tbg. to 760' spotted 35 sx cem plug, WOC 3 hrs., tag cem @ 657'; ran 2-3/8" tbg. to 571; cem w/75 sx cem, WOC 3 hrs., tag cem @ 431'; TOH w/tbg, set 50' surface plug and installed dry hole marker.

TD-5700

Part ID-2  
10-30-92  
P4A

18. I hereby certify that the foregoing is true and correct

SIGNED Tom L. Sprinkle

TITLE Division Production Manager

DATE 5/4/88

(This space for Federal or State office use)

APPROVED BY Ken Adams

TITLE CARDINAL

DATE 5-24-88

CONDITIONS OF APPROVAL, IF ANY:

Approved as to plugging of the well  
Liability under bond is retained  
surface restoration is complete

\*See Instructions on Reverse Side

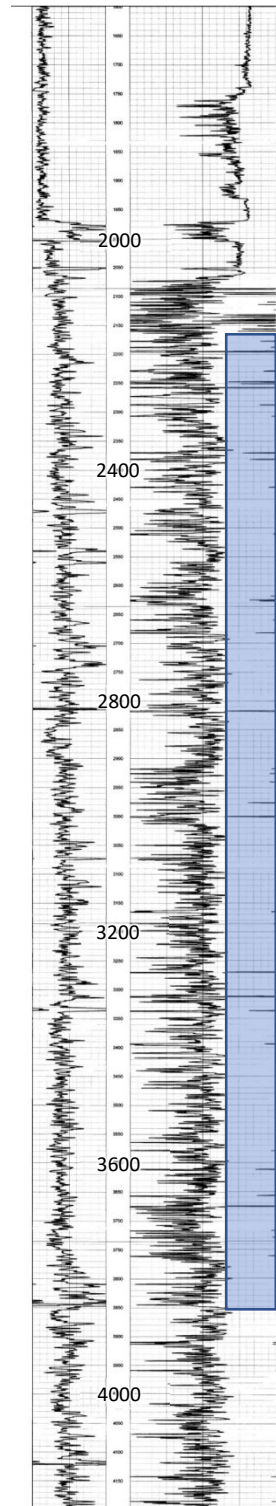
Title 16 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement.

## C-108 ITEM X – LOGS and AVAILABLE TEST DATA

***Log Strip from offset well with zone identified.***

***(API 30-015-43498, ~3130' NW of Subject)***

*New logs will be run to upon drilling and completion to positively identify the target intervals within the described maximum top and bottom depths.*



*Proposed  
Injection  
Interval  
2166' to 3852'*

## **C-108 ITEM VII – PROPOSED OPERATION**

### **Solaris Water Midstream Speedway Fed SWD No.1**

**Note: The prospect was developed pursuant to the 'Revised OCD Recommendations for Administrative Approval of UIC Disposal Wells in the DMG'**

1. Location – the prospect is outside the DMGRA, location is new, waterflows are nonexistent and, there are no other DMG SWDs in the area.
2. The proposed interval into the Bell Canyon and Cherry Canyon formations do not include the Lamar Limestone or the lower Brushy Canyon. Additional information is included in the following pages to address formation specs, testing and 20-year performance modeling for the proposed operation.
3. Well will be constructed to comply with this and all regulations. All casing will be cemented to surface; location is beyond potash areas and the well will not be fracture stimulated.
4. CBL will be run on each casing string, appropriate suite of logs will be run (quad-combo), a step-rate test will be conducted and pressure gradient verified prior to approval to commence injection. Further, Solaris will provide static BHP every 2 years and include in a detailed performance summary of the SWD. Every 4 years, Solaris will conduct additional testing to include a tracer survey, falloff test, formation sampling and any additional testing or reports deemed necessary by OCD engineering and UIC staff. If requested and warranted, Solaris is amenable to installing a public seismic monitoring station.

### ***Commercial SWD Facility***

Upon approval of all permits for SWD, operations would begin within 30 days. Completion of the well operations will take approximately 6-8 weeks. Facility construction including installation of the tank battery, berms, plumbing and other and associated equipment would occur as soon as possible and immediately after the rig is moved out. In any event, it is not expected for the construction phase of the project to last more than 60 days, depending on availability of contractors and equipment. The operator will have obtained all necessary easements, rights-of-way or other instruments as required to begin operations.

### ***Configure for Salt Water Disposal***

Prior to commencing any work, C-103 NOI sundry(ies) will be submitted to configure the well for SWD and will detail the completion workover including all work otherwise described above, any change to the procedure noted herein and to perform mechanical integrity pressure test per BLM and OCD test procedures. (Notify NMOCD 24 hours prior.) The casing/tubing annulus will be monitored for communication with injection fluid or loss of casing integrity. The operator

will have the voluntary option to install a seismic monitoring device which may or may not be coordinated with resources in the state.

### ***Operational Summary***

The SWD facility will initially be for trucking access but maybe tied into Solaris infrastructure as the system expands in future years.

The Speedway Fed SWD well and injection equipment will be a closed system and equipped with pressure limiting devices and volume meters. The annulus, loaded with an inert, anti-corrosion packer fluid, will be monitored for pressure.

All tanks will be equipped with telemetry devices and visual alarms to alert the operator and customers of full tanks or an overflow situation. Berms will be constructed to contain at least 150% of the largest tank volume.

Anticipated daily maximum volume is 18,500 bpd and an average of 12,500 bpd at a maximum surface injection pressure of 433 psi (.2 psi/ft gradient).

Potential releases will be contained and cleaned up immediately. The operator shall repair or otherwise correct the situation within 48 hours before resuming operations. OCD will be notified within 24 hours of any release greater than 5 bbls. If required, remediation will start as soon as practicable. Operator shall comply with 19.15.29 NMAC and 19.15.30 NMAC, as necessary and appropriate.

## **C-108 ITEM VII – PRODUCED WATER ANALYSES**

*Source and Disposal Waters are Reasonably Compatible.*

### **Item VII.4 – Water Analysis of Source Zone Water**

Delaware, Bone Spring, Wolfcamp

### **Item VII.5 – Water Analysis of Disposal Zone Water**

DMG

*Water analysis summaries follow this page...*

## C-108 Item VII.5 - Produced Water Data Solaris Water Midstream - Speedway SWD #1

### SOURCE ZONE

#### DELAWARE

|                                |                                    |                           |                     |
|--------------------------------|------------------------------------|---------------------------|---------------------|
| <b>API No.</b>                 | 3001502494                         | <b>Lab ID</b>             |                     |
| <b>Well Name</b>               | MALAGA UNIT 001                    | <b>Sample ID</b>          | 5254                |
|                                |                                    | <b>Sample No</b>          |                     |
| <b>Location</b>                | ULSTR 13 24 S 28 E<br>330 N 1650 E | <b>Lat / Long</b>         | 32.22448 -104.03667 |
|                                |                                    | <b>County</b>             | Eddy                |
| <b>Operator (when sampled)</b> |                                    |                           |                     |
|                                | Field MALAGA                       | <b>Unit</b>               | B                   |
| <b>Sample Date</b>             |                                    | <b>Analysis Date</b>      |                     |
|                                | <b>Sample Source</b> UNKNOWN       | <b>Depth (if known)</b>   |                     |
|                                | <b>Water Type</b>                  |                           |                     |
| ph                             |                                    | alkalinity_as_caco3_mgL   |                     |
| ph_temp_F                      |                                    | hardness_as_caco3_mgL     |                     |
| specificgravity                |                                    | hardness_mgL              |                     |
| specificgravity_temp_F         |                                    | resistivity_ohm_cm        |                     |
| tds_mgL                        | 148288                             | resistivity_ohm_cm_temp_I |                     |
| tds_mgL_180C                   |                                    | conductivity              |                     |
| chloride_mgL                   | 91050                              | conductivity_temp_F       |                     |
| sodium_mgL                     |                                    | carbonate_mgL             |                     |
| calcium_mgL                    |                                    | bicarbonate_mgL           | 182                 |
| iron_mgL                       |                                    | sulfate_mgL               | 400                 |
| barium_mgL                     |                                    | hydroxide_mgL             |                     |
| magnesium_mgL                  |                                    | h2s_mgL                   |                     |
| potassium_mgL                  |                                    | co2_mgL                   |                     |
| strontium_mgL                  |                                    | o2_mgL                    |                     |
| manganese_mgL                  |                                    | anionremarks              |                     |
| <b>Remarks</b>                 |                                    |                           |                     |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



## C-108 Item VII.5 - Produced Water Data Solaris Water Midstream - Speedway SWD #1

### SOURCE ZONE

#### BONE SPRING

|                                |                                    |                           |                     |
|--------------------------------|------------------------------------|---------------------------|---------------------|
| <b>API No.</b>                 | 3001510060                         | <b>Lab ID</b>             |                     |
|                                |                                    | <b>Sample ID</b>          | 5500                |
| <b>Well Name</b>               | ROOKIE STATE 001                   | <b>Sample No</b>          |                     |
| <b>Location</b>                | ULSTR 07 22 S 26 E<br>150 N 2056 E | <b>Lat / Long</b>         | 32.41351 -104.32957 |
|                                |                                    | <b>County</b>             | Eddy                |
| <b>Operator (when sampled)</b> |                                    |                           |                     |
|                                | Field HAPPY VALLEY SOUTH           | <b>Unit</b>               | B                   |
| <b>Sample Date</b>             |                                    | <b>Analysis Date</b>      |                     |
|                                | <b>Sample Source</b> UNKNOWN       | <b>Depth (if known)</b>   |                     |
|                                | <b>Water Type</b>                  |                           |                     |
| ph                             |                                    | alkalinity_as_caco3_mgL   |                     |
| ph_temp_F                      |                                    | hardness_as_caco3_mgL     |                     |
| specificgravity                |                                    | hardness_mgL              |                     |
| specificgravity_temp_F         |                                    | resistivity_ohm_cm        |                     |
| tds_mgL                        | 67985                              | resistivity_ohm_cm_temp_I |                     |
| tds_mgL_180C                   |                                    | conductivity              |                     |
| chloride_mgL                   | 39150                              | conductivity_temp_F       |                     |
| sodium_mgL                     |                                    | carbonate_mgL             |                     |
| calcium_mgL                    |                                    | bicarbonate_mgL           | 61                  |
| iron_mgL                       |                                    | sulfate_mgL               | 1148                |
| barium_mgL                     |                                    | hydroxide_mgL             |                     |
| magnesium_mgL                  |                                    | h2s_mgL                   |                     |
| potassium_mgL                  |                                    | co2_mgL                   |                     |
| strontium_mgL                  |                                    | o2_mgL                    |                     |
| manganese_mgL                  |                                    | anionremarks              |                     |
| <b>Remarks</b>                 |                                    |                           |                     |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



## C-108 Item VII.5 - Produced Water Data Solaris Water Midstream - Speedway SWD #1

### SOURCE ZONE

#### WOLFCAMP

|                                |                                     |                           |                     |
|--------------------------------|-------------------------------------|---------------------------|---------------------|
| <b>API No.</b>                 | 3001520138                          | <b>Lab ID</b>             |                     |
|                                |                                     | <b>Sample ID</b>          | 5688                |
| <b>Well Name</b>               | MAHUN STATE 001                     | <b>Sample No</b>          |                     |
| <b>Location</b>                | ULSTR 16 22 S 22 E<br>1800 N 1980 W | <b>Lat / Long</b>         | 32.39340 -104.70979 |
|                                |                                     | <b>County</b>             | Eddy                |
| <b>Operator (when sampled)</b> |                                     |                           |                     |
|                                | Field ROCKY ARROYO                  | <b>Unit</b>               | F                   |
| <b>Sample Date</b>             | 5/17/1968                           | <b>Analysis Date</b>      |                     |
|                                | <b>Sample Source</b> DST            | <b>Depth (if known)</b>   |                     |
|                                | <b>Water Type</b>                   |                           |                     |
| ph                             | 8.6                                 | alkalinity_as_caco3_mgL   |                     |
| ph_temp_F                      |                                     | hardness_as_caco3_mgL     |                     |
| specificgravity                |                                     | hardness_mgL              |                     |
| specificgravity_temp_F         |                                     | resistivity_ohm_cm        |                     |
| tds_mgL                        | 35495                               | resistivity_ohm_cm_temp_l |                     |
| tds_mgL_180C                   |                                     | conductivity              |                     |
| chloride_mgL                   | 19000                               | conductivity_temp_F       |                     |
| sodium_mgL                     |                                     | carbonate_mgL             |                     |
| calcium_mgL                    |                                     | bicarbonate_mgL           | 830                 |
| iron_mgL                       |                                     | sulfate_mgL               | 2500                |
| barium_mgL                     |                                     | hydroxide_mgL             |                     |
| magnesium_mgL                  |                                     | h2s_mgL                   |                     |
| potassium_mgL                  |                                     | co2_mgL                   |                     |
| strontium_mgL                  |                                     | o2_mgL                    |                     |
| manganese_mgL                  |                                     | anionremarks              |                     |
| <b>Remarks</b>                 |                                     |                           |                     |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



## C-108 Item VII.5 - Produced Water Data Solaris Water Midstream - Speedway SWD #1

### DISPOSAL ZONE

#### DMG

|                                |                                     |                           |                     |
|--------------------------------|-------------------------------------|---------------------------|---------------------|
| <b>API No.</b>                 | 3001522595                          | <b>Lab ID</b>             |                     |
|                                |                                     | <b>Sample ID</b>          | 2721                |
| <b>Well Name</b>               | GOMEZ 001                           | <b>Sample No</b>          |                     |
| <b>Location</b>                | ULSTR 05 23 S 28 E<br>2310 S 1650 W | <b>Lat / Long</b>         | 32.33373 -104.11209 |
|                                |                                     | <b>County</b>             | Eddy                |
| <b>Operator (when sampled)</b> |                                     |                           |                     |
|                                | Field HERRADURA BEND                | <b>Unit</b>               | K                   |
| <b>Sample Date</b>             | 8/11/1978                           | <b>Analysis Date</b>      |                     |
|                                | <b>Sample Source</b> WELLHEAD       | <b>Depth (if known)</b>   |                     |
|                                | <b>Water Type</b>                   |                           |                     |
| ph                             | 6.4                                 | alkalinity_as_caco3_mgL   |                     |
| ph_temp_F                      |                                     | hardness_as_caco3_mgL     |                     |
| specificgravity                |                                     | hardness_mgL              |                     |
| specificgravity_temp_F         |                                     | resistivity_ohm_cm        |                     |
| tds_mgL                        | 133440                              | resistivity_ohm_cm_temp_l |                     |
| tds_mgL_180C                   |                                     | conductivity              |                     |
| chloride_mgL                   | 80500                               | conductivity_temp_F       |                     |
| sodium_mgL                     |                                     | carbonate_mgL             |                     |
| calcium_mgL                    |                                     | bicarbonate_mgL           | 303                 |
| iron_mgL                       |                                     | sulfate_mgL               | 2100                |
| barium_mgL                     |                                     | hydroxide_mgL             |                     |
| magnesium_mgL                  |                                     | h2s_mgL                   |                     |
| potassium_mgL                  |                                     | co2_mgL                   |                     |
| strontium_mgL                  |                                     | o2_mgL                    |                     |
| manganese_mgL                  |                                     | anionremarks              |                     |
| <b>Remarks</b>                 |                                     |                           |                     |

(Produced water data courtesy of NMT Octane NM WAIDS database.)



## C-108 ITEM VIII

### Geologic Information

The proposed injection interval, between the depths of 2,166 to 3,852 feet below ground level, will straddle the Bell and Cherry Canyon Formations, subdivisions of the Delaware Mountain Group. These formations consist of interbedded sequences composed predominantly of sandstone, siltstone, and shale, with minor limestone beds.

Most of the 1,686-foot-thick injection interval exhibits porosity greater than 10% and is laterally continuous within the project area, making it a suitable target for high-rate injection (18,500 barrels of water per day).

Upper confinement, separating the injection interval from overlying groundwater, is provided by the low-porosity carbonate and low-permeability shale and limestone of the Lamar Formation, as well as the impervious salts and anhydrites of the Castile Formation.

Lower confinement is provided by the low-permeability shales and siltstones at the top of the Brushy Canyon Formation. Based on logs from nearby wells, porosity generally decreases with depth through the Brushy Canyon, reaching a minimum in the lower Brushy Canyon.

Deeper formations, such as the Bonespring sands and the Wolfcamp, which have been exploited by horizontal drilling, are isolated from the injection interval by the 1,120-foot-thick Bonespring Lime and Avalon Shales underlying the Brushy Canyon Formation. The well is located outside both the DMGRA and DMGHRP areas (Figure 1).

All depths and thicknesses cited are estimates based on mapping and offset logs that have penetrated the Delaware Mountain Group. A full set of open-hole wireline logs will be collected on the subject well, if conditions allow, including but not limited to: gamma ray, resistivity, neutron-density, sonic, and borehole image logs.

**C-108 ITEM VIII****Geologic Information**

## Formation Tops

| Well Name & #           | SPEEDWAY FED SWD #1        |             |
|-------------------------|----------------------------|-------------|
| Formations              | Bell Canyon, Cherry Canyon |             |
| GL (plat)               | 3223                       |             |
| Formation               | SSTVD (ft)                 | TVD (ft)    |
| Alluvium                | 3223                       | 0           |
| Castile                 | 2535                       | 688         |
| Lamar                   | 1192                       | 2031        |
| <b>Bell Canyon</b>      | <b>1107</b>                | <b>2116</b> |
| Cherry Canyon           | 397                        | 2826        |
| Brushy Canyon           | -679                       | 3902        |
| Lower Brushy            | -1855                      | 5078        |
| Bonespring Lime         | -2189                      | 5412        |
| First Bonespring        | -3309                      | 6532        |
| TD                      | 3902                       |             |
| TOP/BASE INJ            | 2166                       | 3852        |
| Req. Max Pressure (PSI) | 433                        |             |
| Req. MDIV (BBL)         | 18,500 Max / 12,500 Avg    |             |
| Tubing                  | 5.5" OD                    |             |

e-Permitting  
C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

**(NOT APPLICABLE TO THIS APPLICATION)**

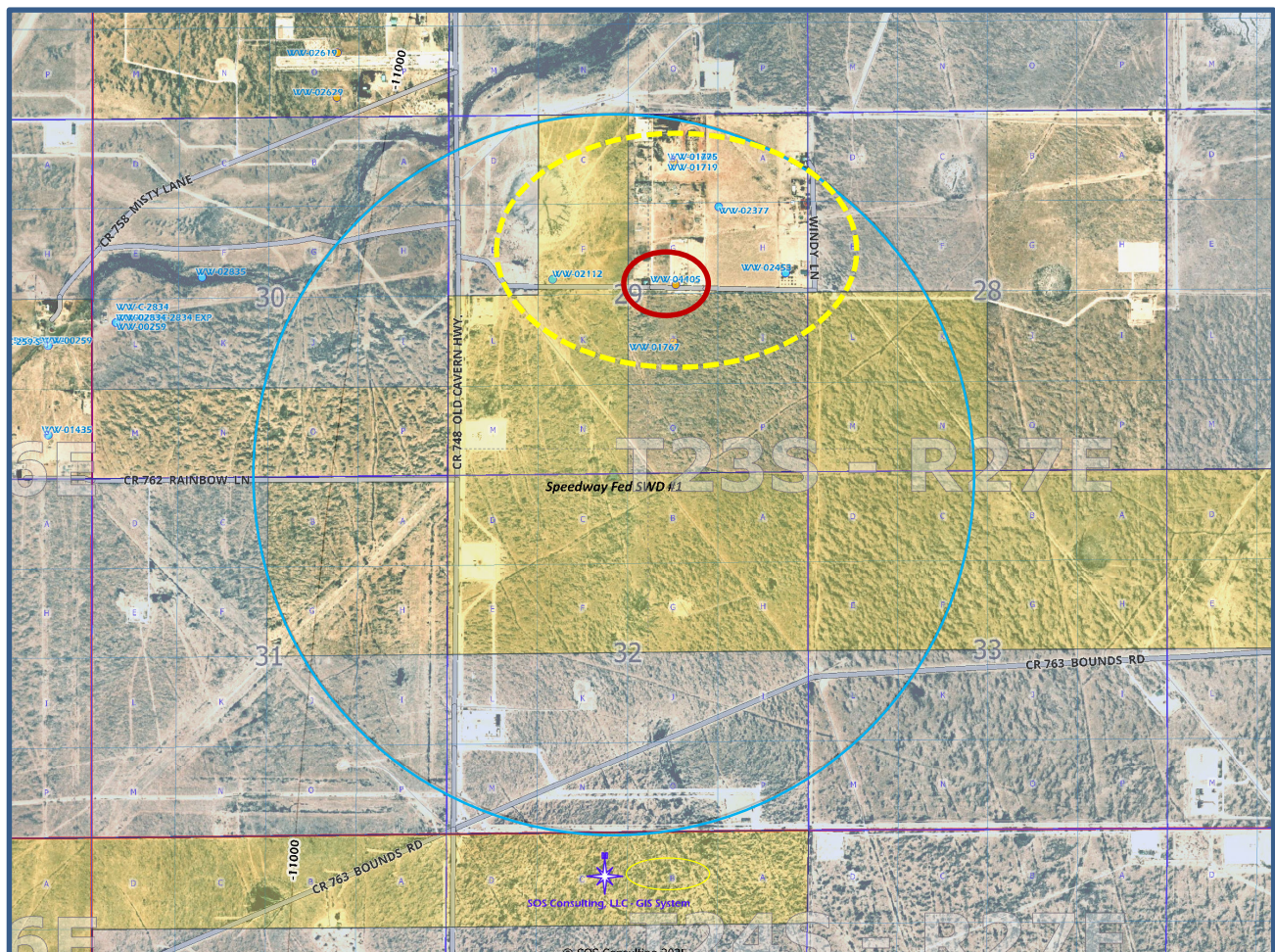
## C-108 Item XI

### Water Wells Within One Mile

#### Speedway SWD #1 - Water Well Locator Map

*As displayed in OCD's GIS Map, NM State Engineer's and USGS records indicate 3 Active and 3 Pending Water Wells within one mile of the proposed SWD.*

*Water well C-04405 (red circle) was sampled and analyzed for the Speedway SWD prospect; analysis follows this page.*





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Chad Gallagher  
Aris Water Solutions  
330 N A ST  
Bldg 6 Suite 120  
Midland, Texas 79705

Generated 9/30/2025 9:58:20 AM

## JOB DESCRIPTION

Speedway SWD

## JOB NUMBER

890-8859-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220

# Eurofins Carlsbad

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
9/30/2025 9:58:20 AM

Authorized for release by  
John Builes, Project Manager  
[John.Builes@et.eurofinsus.com](mailto:John.Builes@et.eurofinsus.com)  
(561)558-4549

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Laboratory Job ID: 890-8859-1

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Definitions/Glossary

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

Qualifiers

HPLC/IC

| Qualifier | Qualifier Description                                                                                                                                     |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4         | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| U         | Indicates the analyte was analyzed for but not detected.                                                                                                  |

General Chemistry

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| U         | Indicates the analyte was analyzed for but not detected. |

Glossary

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

## Case Narrative

Client: Aris Water Solutions  
Project: Speedway SWD

Job ID: 890-8859-1

**Job ID: 890-8859-1**

**Eurofins Carlsbad**

### Job Narrative 890-8859-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 9/24/2025 11:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 24.8°C.

### HPLC/IC

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

### General Chemistry

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

Eurofins Carlsbad

Client Sample Results

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

Client Sample ID: C-04405-POD 1  
Date Collected: 09/24/25 10:00  
Date Received: 09/24/25 11:00

Lab Sample ID: 890-8859-1  
Matrix: Water

| Method: EPA 300.0 - Anions, Ion Chromatography |        |           |       |     |      |   |          |                |         |
|------------------------------------------------|--------|-----------|-------|-----|------|---|----------|----------------|---------|
| Analyte                                        | Result | Qualifier | RL    | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Bromide                                        | <0.500 | U         | 0.500 |     | mg/L |   |          | 09/29/25 12:13 | 1       |
| Chloride                                       | 30.9   |           | 0.500 |     | mg/L |   |          | 09/29/25 12:13 | 1       |
| Sulfate                                        | 121    |           | 0.500 |     | mg/L |   |          | 09/29/25 12:13 | 1       |
| Fluoride                                       | <0.500 | U         | 0.500 |     | mg/L |   |          | 09/29/25 12:13 | 1       |

| General Chemistry                 |        |           |      |     |      |   |          |                |         |
|-----------------------------------|--------|-----------|------|-----|------|---|----------|----------------|---------|
| Analyte                           | Result | Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
| Total Dissolved Solids (SM 2540C) | 727    |           | 10.0 |     | mg/L |   |          | 09/27/25 10:23 | 1       |
| Total Suspended Solids (SM 2540D) | <4.00  | U         | 4.00 |     | mg/L |   |          | 09/26/25 10:52 | 1       |

## QC Sample Results

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-265027/3

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte  | MB Result | MB Qualifier | RL    | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|----------|-----------|--------------|-------|-----|------|---|----------|----------------|---------|
| Bromide  | <0.500    | U            | 0.500 |     | mg/L |   |          | 09/29/25 10:25 | 1       |
| Chloride | <0.500    | U            | 0.500 |     | mg/L |   |          | 09/29/25 10:25 | 1       |
| Sulfate  | <0.500    | U            | 0.500 |     | mg/L |   |          | 09/29/25 10:25 | 1       |
| Fluoride | <0.500    | U            | 0.500 |     | mg/L |   |          | 09/29/25 10:25 | 1       |

Lab Sample ID: LCS 860-265027/4

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|------|---|------|-------------|
| Bromide  | 10.0        | 10.87      |               | mg/L |   | 109  | 90 - 110    |
| Chloride | 10.0        | 10.41      |               | mg/L |   | 104  | 90 - 110    |
| Sulfate  | 10.0        | 10.38      |               | mg/L |   | 104  | 90 - 110    |
| Fluoride | 10.0        | 10.74      |               | mg/L |   | 107  | 90 - 110    |

Lab Sample ID: LCSD 860-265027/5

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| Bromide  | 10.0        | 10.61       |                | mg/L |   | 106  | 90 - 110    | 2   | 20        |
| Chloride | 10.0        | 10.18       |                | mg/L |   | 102  | 90 - 110    | 2   | 20        |
| Sulfate  | 10.0        | 10.12       |                | mg/L |   | 101  | 90 - 110    | 3   | 20        |
| Fluoride | 10.0        | 10.52       |                | mg/L |   | 105  | 90 - 110    | 2   | 20        |

Lab Sample ID: LLCS 860-265027/7

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte  | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|-------------|----------------|------|---|------|-------------|
| Bromide  | 0.500       | 0.7353      |                | mg/L |   | 147  | 50 - 150    |
| Chloride | 0.500       | 0.5607      |                | mg/L |   | 112  | 50 - 150    |
| Sulfate  | 0.500       | 0.5813      |                | mg/L |   | 116  | 50 - 150    |
| Fluoride | 0.500       | 0.5451      |                | mg/L |   | 109  | 50 - 150    |

Lab Sample ID: 860-112681-C-3 MS

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Matrix Spike

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|------|---|------|-------------|
| Bromide  | <0.500        | U                | 10.0        | 10.79     |              | mg/L |   | 104  | 90 - 110    |
| Chloride | 57.3          |                  | 10.0        | 67.35     | 4            | mg/L |   | 100  | 90 - 110    |
| Sulfate  | 33.7          |                  | 10.0        | 44.20     |              | mg/L |   | 105  | 90 - 110    |
| Fluoride | <0.500        | U                | 10.0        | 10.88     |              | mg/L |   | 106  | 90 - 110    |

Eurofins Carlsbad

## QC Sample Results

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-112681-C-3 MSD

Matrix: Water

Analysis Batch: 265027

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|------|---|------|-------------|-----|-----------|
| Bromide  | <0.500        | U                | 10.0        | 10.86      |               | mg/L |   | 105  | 90 - 110    | 1   | 15        |
| Chloride | 57.3          |                  | 10.0        | 67.55      | 4             | mg/L |   | 102  | 90 - 110    | 0   | 15        |
| Sulfate  | 33.7          |                  | 10.0        | 44.34      |               | mg/L |   | 107  | 90 - 110    | 0   | 15        |
| Fluoride | <0.500        | U                | 10.0        | 11.01      |               | mg/L |   | 107  | 90 - 110    | 1   | 15        |

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

Lab Sample ID: MB 860-264899/1

Matrix: Water

Analysis Batch: 264899

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Total Dissolved Solids | <5.00     | U            | 5.00 |     | mg/L |   |          | 09/27/25 09:51 | 1       |

Lab Sample ID: LCS 860-264899/2

Matrix: Water

Analysis Batch: 264899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 1000        | 957.0      |               | mg/L |   | 96   | 80 - 120    |

Lab Sample ID: LLCS 860-264899/3

Matrix: Water

Analysis Batch: 264899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LLCS Result | LLCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|-------------|----------------|------|---|------|-------------|
| Total Dissolved Solids | 5.00        | <5.00       | U              | mg/L |   | 70   | 50 - 150    |

Lab Sample ID: 880-63070-E-2 DU

Matrix: Water

Analysis Batch: 264899

Client Sample ID: Duplicate

Prep Type: Total/NA

| Analyte                | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|------------------------|---------------|------------------|-----------|--------------|------|---|-----|-----------|
| Total Dissolved Solids | 1440          |                  | 1406      |              | mg/L |   | NC  | 10        |

## Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 860-264696/1

Matrix: Water

Analysis Batch: 264696

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                | MB Result | MB Qualifier | RL   | MDL | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------|-----------|--------------|------|-----|------|---|----------|----------------|---------|
| Total Suspended Solids | <4.00     | U            | 4.00 |     | mg/L |   |          | 09/26/25 10:51 | 1       |

Lab Sample ID: LCS 860-264696/2

Matrix: Water

Analysis Batch: 264696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte                | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Suspended Solids | 1000        | 940.0      |               | mg/L |   | 94   | 80 - 120    |

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QC Sample Results

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

Method: SM 2540D - Solids, Total Suspended (TSS) (Continued)

|                                  |               |                  |           |                             |      |   |           |
|----------------------------------|---------------|------------------|-----------|-----------------------------|------|---|-----------|
| Lab Sample ID: 860-112579-A-1 DU |               |                  |           | Client Sample ID: Duplicate |      |   |           |
| Matrix: Water                    |               |                  |           | Prep Type: Total/NA         |      |   |           |
| Analysis Batch: 264696           |               |                  |           |                             |      |   |           |
| Analyte                          | Sample Result | Sample Qualifier | DU Result | DU Qualifier                | Unit | D | RPD Limit |
| Total Suspended Solids           | 90.0          |                  | 81.43     |                             | mg/L |   | 10 10     |

## QC Association Summary

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

## HPLC/IC

## Analysis Batch: 265027

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-8859-1         | C-04405-POD 1          | Total/NA  | Water  | 300.0  |            |
| MB 860-265027/3    | Method Blank           | Total/NA  | Water  | 300.0  |            |
| LCS 860-265027/4   | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| LCSD 860-265027/5  | Lab Control Sample Dup | Total/NA  | Water  | 300.0  |            |
| LLCS 860-265027/7  | Lab Control Sample     | Total/NA  | Water  | 300.0  |            |
| 860-112681-C-3 MS  | Matrix Spike           | Total/NA  | Water  | 300.0  |            |
| 860-112681-C-3 MSD | Matrix Spike Duplicate | Total/NA  | Water  | 300.0  |            |

## General Chemistry

## Analysis Batch: 264696

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 890-8859-1        | C-04405-POD 1      | Total/NA  | Water  | SM 2540D |            |
| MB 860-264696/1   | Method Blank       | Total/NA  | Water  | SM 2540D |            |
| LCS 860-264696/2  | Lab Control Sample | Total/NA  | Water  | SM 2540D |            |
| 860-112579-A-1 DU | Duplicate          | Total/NA  | Water  | SM 2540D |            |

## Analysis Batch: 264899

| Lab Sample ID     | Client Sample ID   | Prep Type | Matrix | Method   | Prep Batch |
|-------------------|--------------------|-----------|--------|----------|------------|
| 890-8859-1        | C-04405-POD 1      | Total/NA  | Water  | SM 2540C |            |
| MB 860-264899/1   | Method Blank       | Total/NA  | Water  | SM 2540C |            |
| LCS 860-264899/2  | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |
| LLCS 860-264899/3 | Lab Control Sample | Total/NA  | Water  | SM 2540C |            |
| 880-63070-E-2 DU  | Duplicate          | Total/NA  | Water  | SM 2540C |            |

Eurofins Carlsbad

Lab Chronicle

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

Client Sample ID: C-04405-POD 1  
Date Collected: 09/24/25 10:00  
Date Received: 09/24/25 11:00

Lab Sample ID: 890-8859-1  
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA  | Analysis   | 300.0        |     | 1          |                |              | 265027       | 09/29/25 12:13       | HN      | EET HOU |
| Total/NA  | Analysis   | SM 2540C     |     | 1          | 100 mL         | 200 mL       | 264899       | 09/27/25 10:23       | AP      | EET HOU |
| Total/NA  | Analysis   | SM 2540D     |     | 1          | 1000 mL        | 1000 mL      | 264696       | 09/26/25 10:52       | CA      | EET HOU |

Laboratory References:  
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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Accreditation/Certification Summary

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

Laboratory: Eurofins Houston

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|------------------------|
| Texas                                                                                                                                                                                                 | NELAP       | T104704215            | 06-30-26               |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. |             |                       |                        |
| Analysis Method                                                                                                                                                                                       | Prep Method | Matrix                | Analyte                |
| SM 2540D                                                                                                                                                                                              |             | Water                 | Total Suspended Solids |

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Method Summary

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

| Method   | Method Description            | Protocol | Laboratory |
|----------|-------------------------------|----------|------------|
| 300.0    | Anions, Ion Chromatography    | EPA      | EET HOU    |
| SM 2540C | Solids, Total Dissolved (TDS) | SM       | EET HOU    |
| SM 2540D | Solids, Total Suspended (TSS) | SM       | EET HOU    |

Protocol References:

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"

Laboratory References:

- EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Aris Water Solutions  
Project/Site: Speedway SWD

Job ID: 890-8859-1

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       | Sample Origin |
|---------------|------------------|--------|----------------|----------------|---------------|
| 890-8859-1    | C-04405-POD 1    | Water  | 09/24/25 10:00 | 09/24/25 11:00 | New Mexico    |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

## Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300  
Idland, TX (432) 704-5440, San Antonio, TX (210) 509-3334  
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296  
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

## Environment Testing

Xenco

[illegible]

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$45.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed, that were enforced unless previously negotiated with Eurofins Xenco. A minimum charge of \$45.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed, that were enforced unless previously negotiated with Eurofins Xenco.

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|-----------|------------------------------|--------------------------|-----------|
| 1. Chad Bradley              | Shawn V                  | 9/24/11   |                              |                          |           |
| 3                            |                          |           | 4                            |                          |           |
| 5                            |                          |           | 6                            |                          |           |

Revised Date: 08/25/2020 Rev. 2020.2

## Eurofins Carlsbad

1089 N Canal St.

Carlsbad, NM 88220

Phone: 575-988-3199 Fax: 575-988-3199

## Chain of Custody Record

[illegible]

## Login Sample Receipt Checklist

Client: Aris Water Solutions

Job Number: 890-8859-1

Login Number: 8859

List Source: Eurofins Carlsbad

List Number: 1

Creator: Lopez, Abraham

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

## Login Sample Receipt Checklist

Client: Aris Water Solutions

Job Number: 890-8859-1

Login Number: 8859

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 09/25/25 03:26 PM

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



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

**Re: Geology Statement**  
**Solaris Water Midstream, LLC**  
**Speedway Fed SWD #1**  
**Section 29, T. 23S, R. 27E**  
**Eddy County, New Mexico**

To whom it may concern:

Publicly available geologic and engineering data related to the proposed well have been thoroughly reviewed, and no evidence for open faults or any other hydrologic connection between the proposed 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

## **C-108 ITEM XIII – PROOF OF NOTIFICATION**

### IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

#### **Exhibits for Section**

Affected Parties Map

List of Affected Parties

Notification Letter to Affected Parties

Instructions for PDF Document Access

Proof of Certified Mailing

Affidavit Published Legal Notice

## C-108 ITEM XIII – PROOF OF NOTIFICATION AFFECTED PARTIES LIST

**ALL AFFECTED PARTIES ARE PROVIDED A NOTICE LETTER VIA US CERTIFIED MAIL CONTAINING UNIQUE 6 CHARACTER DOCUMENT ACCESS CODES FOR SECURE DOWNLOAD OF A PDF COPY OF THE SUBJECT C-108 APPLICATION. AFFECTED PARTIES MAY ALSO REQUEST A PDF COPY VIA SENT EMAIL.**

"AFFECTED PERSON" MEANS THE DIVISION DESIGNATED OPERATOR; IN THE ABSENCE OF AN OPERATOR, A LESSEE WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILES THE APPLICATION; OR IN THE ABSENCE OF AN OPERATOR OR LESSEE, A MINERAL INTEREST OWNER WHOSE INTEREST IS EVIDENCED BY A WRITTEN CONVEYANCE DOCUMENT EITHER OF RECORD OR KNOWN TO THE APPLICANT AS OF THE DATE THE APPLICANT FILED THE APPLICATION FOR PERMIT TO INJECT.; PER OCD RULES NMAC 19.15.26.7, A. AND 19.15.26.8, B.2.

### SURFACE OWNER

| NOTICE # | ENTITY                                                                                                                                  | US CERTIFIED TRACKING    | SOS DOC ACCESS CODE                 |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| 1        | <b>U.S. DEPARTMENT OF INTERIOR</b><br><b>Bureau of Land Management</b><br>Oil & Gas Division<br>620 E. Greene St.<br>Carlsbad, NM 88220 | 7018 2290 0001 2038 9507 | <input checked="" type="checkbox"/> |

### OFFSET MINERALS LESSEES and/ or OPERATORS

|   |                                                                                   |                          |                                     |
|---|-----------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| 2 | <b>MEWBOURNE OIL COMPANY</b><br>P.O. Box 5270<br>Hobbs, NM 88241                  | 7018 2290 0001 2038 9514 | <input checked="" type="checkbox"/> |
| 3 | <b>CONOCOPHILLIPS/ COG OP., LLC</b><br>600 W. Illinois Ave.<br>Midland, TX 79701  | 7018 2290 0001 2038 9521 | <input checked="" type="checkbox"/> |
| 4 | <b>NEW MEXICO OIL CORP.</b><br>500 N Main St., Ste.827<br>Roswell, NM, 88201-4771 | 7018 2290 0001 2038 9538 | <input checked="" type="checkbox"/> |
| 5 | <b>DEVON ENERGY CORP.</b><br>333 West Sheridan Avenue<br>OKC, Oklahoma 73102-5015 | 7018 2290 0001 2038 9545 | <input checked="" type="checkbox"/> |
| 6 | <b>CHEVRON USA, INC.</b><br>1400 Smith Street<br>Houston, TX 77002                | 7018 2290 0001 2038 9552 | <input checked="" type="checkbox"/> |

### REGULATORY

**OIL CONSERVATION DIVISION**  
**Engineering Bureau – UIC Group**  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

*Filed via OCD Online*

**U.S. DEPARTMENT OF INTERIOR**  
**Bureau of Land Management**  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220

☐

|   |                                                                                                                                                                       |                          |                                     |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| 7 | <b>STATE OF NEW MEXICO</b><br><i>State Land Office - Commissioner of Public Lands, Oil, Gas and Minerals Division</i><br>310 Old Santa Fe Trail<br>Santa Fe, NM 87501 | 7018 2290 0001 2038 9569 | <input checked="" type="checkbox"/> |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|



August 22, 2025

**NOTIFICATION TO INTERESTED PARTIES**  
**via U.S. Certified Mail – Return Receipt Requested**

To Whom It May Concern:

Solaris Water Midstream, Houston, Texas, has made application to the New Mexico Oil Conservation Division to permit for salt water disposal the Speedway Fed SWD #1. The SWD operation will be for commercial water disposal from area operators. As indicated in the notice below, the well is located in Section 29, Township 23 South, Range 27 East in Eddy County, New Mexico.

The published notice states that the interval will be from 2,166 feet to 3,852 feet into the Bell Canyon and Cherry Canyon formations. Following is the notice published in the Artesia Daily Press, Artesia, New Mexico on or about August 21, 2025.

**LEGAL NOTICE**

Solaris Water Midstream, LLC, 9651 Katy Freeway, Suite 400, Houston, Texas, 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, Speedway SWD No.1, (API 30-015-TBD) will be located 40' FSL and 2439' FWL, Section 29, Township 23 South, Range 27 East, Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Bell Canyon and Cherry Canyon formations at a depth of 2,166' to 3,852' at a maximum surface pressure of 433 psi with a maximum daily rate of 18,500 bwpd and an average daily rate of 12,500 bwpd. The proposed SWD well is located approximately 9.7 miles south/ southwest of Carlsbad, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the filing of the application which is expected 10 days from the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)967-5950 or, email [info@sosconsulting.us](mailto:info@sosconsulting.us).

***You have been identified as a party who may be interested as an offset lessee or operator.***

You are entitled to a full copy of the application. SOS Consulting has deployed a new app for the explicit secure delivery of a full PDF copy of the application. Any user employed with **Affected Party** may log into the system and when prompted for a *Document Access Code*, enter **0000XX** to View or Download the document as desired. Using the *SOS Client and Affected Party Document Access* app takes about one minute, start to finish - instructions are included, and only name, email and company name are needed to access the system.

Thank you for your attention in this matter.

Best regards,

A handwritten signature in blue ink, appearing to read "Ben Stone", is written over a light blue horizontal line.

Ben Stone, SOS Consulting, LLC  
Agent for Solaris Water Midstream, LLC  
Cc: Application File

## User Information for the SOS Client & Affected Party Portal

Thank you for using the new SOS Document Portal. This system allows for the **secure delivery of all types of applications and any resulting permits**. The system is built in and stored in the cloud using the best available platforms and code for a secure and robust app. We hope you appreciate our efforts to reduce printed paper copies and deliver pertinent documents in a much more efficient way. If you're a client, you may use the portal to view all the applications that SOS Consulting, LLC has generated on behalf of you or your organization.

1

Open the SOS Consulting website at: [www.sosconsulting.us](http://www.sosconsulting.us)

Click the **App Icon** in the upper right corner of the screen...

The secure **SOS Client & Affected Party Portal** site will open...



2

Become a user of the site by entering your email address and basic info for your profile – minimal information is required although we ask that you provide your company name so we may view who and which companies have reviewed a particular document.

(Please note that nothing is done with your information – it is only for access to this portal.)

Each time you log into the SOS Portal, you will be sent a pin code for **2-Step Verification** to your email within 15 seconds. Enter the code for access to the portal.

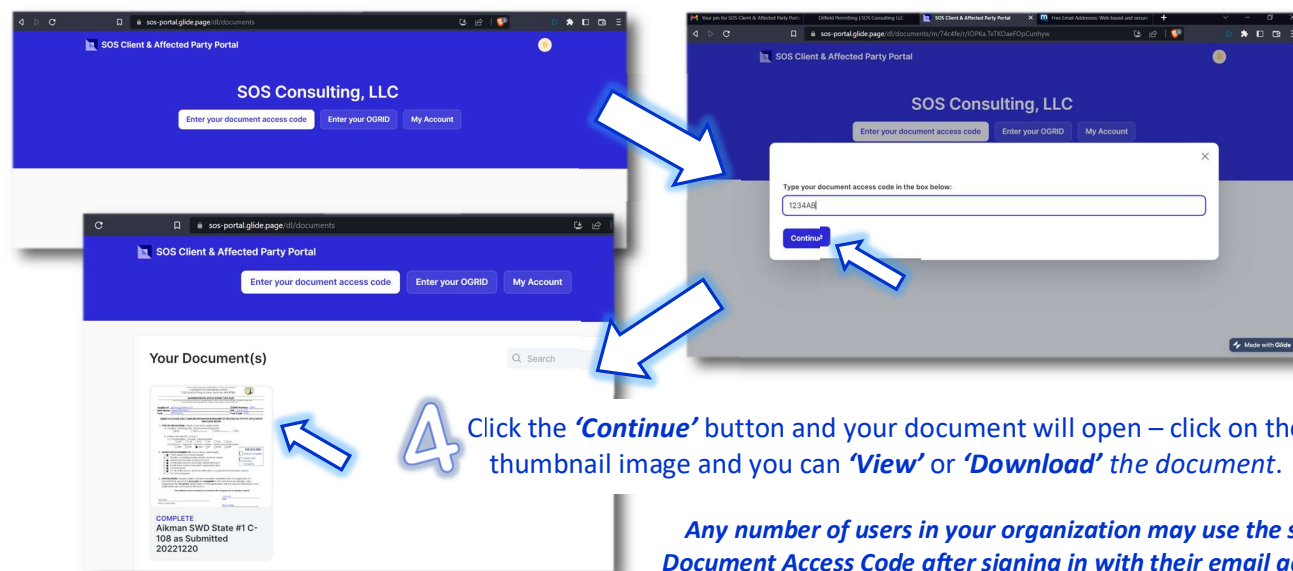


MOBILE ACCESS

3

The SOS portal will open to your user page or the portal home. If you don't see this screen, simply click on the SOS Client & Affected Party title and the home page will open. This page allows you to enter a 'Document Access Code' or if a client, 'Enter your OGRID'. (When entering an OGRID, you will also be prompted for a Client ID for security – SOS Consulting will have already provided this to its clients.)

Note: The unique Document Access Code is provided in your 'Notice Letter to Affected Parties'.



4

Click the 'Continue' button and your document will open – click on the thumbnail image and you can 'View' or 'Download' the document.

**Any number of users in your organization may use the same Document Access Code after signing in with their email address!**

**C-108 - Item XIV**

## Proof of Notice (Certified Mail Receipts)

7018 2290 0001 2038 9507

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |            |
|--------------------------------------------------------------------------------------------------|------------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |            |
| Carlsbad, NM 88220                                                                               |            |
| <b>OFFICIAL USE</b>                                                                              |            |
| Certified Mail Fee \$5.30                                                                        | 0360       |
| Extra Services & Fees (check box, add fee as appropriate)                                        | 03         |
| <input type="checkbox"/> Return Receipt (hardcopy) \$4.40                                        |            |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00                                      |            |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00                               |            |
| <input type="checkbox"/> Adult Signature Required \$0.00                                         |            |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00                              |            |
| Postage \$0.78                                                                                   |            |
| Total Postage and Fees \$10.48                                                                   | 08/22/2025 |
| Sent To                                                                                          |            |
| Street and Ap                                                                                    |            |
| City, State, Zi                                                                                  |            |
| PS Form                                                                                          | ctions     |

Bureau of Land Management  
Oil & Gas Division  
620 E. Greene St.  
Carlsbad, NM 88220

7018 2290 0001 2038 9514

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |            |
|--------------------------------------------------------------------------------------------------|------------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |            |
| Hobbs, NM 88241                                                                                  |            |
| <b>OFFICIAL USE</b>                                                                              |            |
| Certified Mail Fee \$5.30                                                                        | 0360       |
| Extra Services & Fees (check box, add fee as appropriate)                                        | 03         |
| <input type="checkbox"/> Return Receipt (hardcopy) \$4.40                                        |            |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00                                      |            |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00                               |            |
| <input type="checkbox"/> Adult Signature Required \$0.00                                         |            |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00                              |            |
| Postage \$0.78                                                                                   |            |
| Total Postage and Fees \$10.48                                                                   | 08/22/2025 |
| Sent To                                                                                          |            |
| Street and Ap                                                                                    |            |
| City, State, Zi                                                                                  |            |
| PS Form 380                                                                                      | ns         |

MEWBOURNE OIL COMPANY  
P.O. Box 5270  
Hobbs, NM 88241

7018 2290 0001 2038 9521

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |            |
|--------------------------------------------------------------------------------------------------|------------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |            |
| Midland, TX 79701                                                                                |            |
| <b>OFFICIAL USE</b>                                                                              |            |
| Certified Mail Fee \$5.30                                                                        | 0360       |
| Extra Services & Fees (check box, add fee as appropriate)                                        | 03         |
| <input type="checkbox"/> Return Receipt (hardcopy) \$4.40                                        |            |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00                                      |            |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00                               |            |
| <input type="checkbox"/> Adult Signature Required \$0.00                                         |            |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00                              |            |
| Postage \$0.78                                                                                   |            |
| Total Postage and Fees \$10.48                                                                   | 08/22/2025 |
| Sent To                                                                                          |            |
| Street a                                                                                         |            |
| City, St                                                                                         |            |
| PS For                                                                                           | uctions    |

CONOCOPHILLIPS  
600 W. Illinois Ave.  
Midland, TX 79701

7018 2290 0001 2038 9538

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |            |
|--------------------------------------------------------------------------------------------------|------------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |            |
| Roswell, NM 88201                                                                                |            |
| <b>OFFICIAL USE</b>                                                                              |            |
| Certified Mail Fee \$5.30                                                                        | 0360       |
| Extra Services & Fees (check box, add fee as appropriate)                                        | 03         |
| <input type="checkbox"/> Return Receipt (hardcopy) \$4.40                                        |            |
| <input type="checkbox"/> Return Receipt (electronic) \$0.00                                      |            |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$0.00                               |            |
| <input type="checkbox"/> Adult Signature Required \$0.00                                         |            |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$0.00                              |            |
| Postage \$0.78                                                                                   |            |
| Total Postage and Fees \$10.48                                                                   | 08/22/2025 |
| Sent To                                                                                          |            |
| Street an                                                                                        |            |
| City, State                                                                                      |            |
| PS Form                                                                                          | ctions     |

NEW MEXICO OIL CORP.  
500 N Main St., Ste.827  
Roswell, NM, 88201-4771

**C-108 - Item XIV**

Proof of Notice (Certified Mail Receipts – cont.)

7018 2290 0001 2038 9545

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |      |
|--------------------------------------------------------------------------------------------------|------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |      |
| OKlahoma City, OK 73102                                                                          |      |
| Certified Mail Fee \$5.30                                                                        | 0360 |
| \$4.40                                                                                           | 03   |
| Extra Services & Fees (check box, add fee as appropriate)                                        |      |
| <input type="checkbox"/> Return Receipt (hardcopy) \$                                            |      |
| <input type="checkbox"/> Return Receipt (electronic) \$                                          |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$                                   |      |
| <input type="checkbox"/> Adult Signature Required \$                                             |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$                                  |      |
| Postage \$0.78                                                                                   |      |
| Total Postage and Fees \$10.48                                                                   |      |
| Sent To                                                                                          |      |
| Street and                                                                                       |      |
| City, State                                                                                      |      |
| PS Form                                                                                          |      |

Postmark Here

08/22/2025

DEVON ENERGY OPER. CO.  
333 West Sheridan Avenue  
OKC, Oklahoma 73102-5015

7018 2290 0001 2038 9552

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |      |
|--------------------------------------------------------------------------------------------------|------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |      |
| Houston, TX 77002                                                                                |      |
| Certified Mail Fee \$5.30                                                                        | 0360 |
| \$4.40                                                                                           | 03   |
| Extra Services & Fees (check box, add fee as appropriate)                                        |      |
| <input type="checkbox"/> Return Receipt (hardcopy) \$                                            |      |
| <input type="checkbox"/> Return Receipt (electronic) \$                                          |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$                                   |      |
| <input type="checkbox"/> Adult Signature Required \$                                             |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$                                  |      |
| Postage \$0.78                                                                                   |      |
| Total Postage and Fees \$10.48                                                                   |      |
| Sent To                                                                                          |      |
| Street and                                                                                       |      |
| City, State                                                                                      |      |
| PS Form                                                                                          |      |

Postmark Here

08/22/2025

CHEVRON USA, INC.  
1400 Smith Street  
Houston, TX 77002

7018 2290 0001 2038 9569

| U.S. Postal Service™<br>CERTIFIED MAIL® RECEIPT<br>Domestic Mail Only                            |      |
|--------------------------------------------------------------------------------------------------|------|
| For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®. |      |
| Santa Fe, NM 87501                                                                               |      |
| Certified Mail Fee \$5.30                                                                        | 0360 |
| \$4.40                                                                                           | 03   |
| Extra Services & Fees (check box, add fee as appropriate)                                        |      |
| <input type="checkbox"/> Return Receipt (hardcopy) \$                                            |      |
| <input type="checkbox"/> Return Receipt (electronic) \$                                          |      |
| <input type="checkbox"/> Certified Mail Restricted Delivery \$                                   |      |
| <input type="checkbox"/> Adult Signature Required \$                                             |      |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$                                  |      |
| Postage \$0.78                                                                                   |      |
| Total Postage and Fees \$10.48                                                                   |      |
| Sent To                                                                                          |      |
| Street and                                                                                       |      |
| City, State                                                                                      |      |
| PS Form                                                                                          |      |

Postmark Here

08/22/2025

NM State Land Office  
Oil, Gas and Minerals Division  
310 Old Santa Fe Trail  
Santa Fe, NM 87501

**Affidavit of Publication**No. 59710

State of New Mexico

Publisher

County of Eddy:

**Adrian Hedden**

being duly sworn, says that he is the

**Publisher**

of the Artesia Daily Press, a weekly newspaper of General

circulation, published in English at Artesia,

said county and state, and that the hereto attached

**Legal Ad**

was published in a regular and entire issue of the said

Artesia Daily Press, a weekly newspaper duly qualified

for that purpose within the meaning of Chapter 167 of

the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication August 21, 2025

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Sixth Publication \_\_\_\_\_

Seventh Publication \_\_\_\_\_

Eighth Publication \_\_\_\_\_

Subscribed and sworn before me this

21st day of August 2025

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

*Latisha Romine*

Latisha Romine

Notary Public, Eddy County, New Mexico

**Copy of Publication:****LEGAL NOTICE**

Solaris Water Midstream, LLC, 9651 Katy Freeway, Suite 400, Houston, Texas, 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, Speedway SWD No.1, (API 30-015-TBD) will be located 40' FSL and 2439 FWL, Section 29, Township 23 South, Range 27 East, Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Bell Canyon and Cherry Canyon formations at a depth of 2,166' to 3,852' at a maximum surface pressure of 433 psi with a maximum daily rate of 18,500 bwpd and an average daily rate of 12,500 bwpd. The proposed SWD well is located approximately 9.7 miles south/ southwest of Carlsbad, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the filing of the application which is expected 10 days from the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)967-5950 or, email info@sosconsulting.us.  
 59710-Published in Artesia Daily Press Aug. 21, 2025

|                                                                                                                                                                                                                                                          |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                            |                                         |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------|-----------------------------------------|-------------------------------------|
| Santa Fe Main Office<br>Phone: (505) 476-3441 Fax: (55) 476-3462<br>General Information<br>Phone: (505) 629-6116<br><br>Online Phone Directory Visit:<br><a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a> | State of New Mexico<br>Energy, Minerals & Natural Resources<br>Department<br><b>OIL CONSERVATION DIVISION</b> | <div style="text-align: right;"> <b>C-102</b><br/>           Revised July 9, 2024<br/>           Submit Electronically<br/>           via OCD Permitting         </div> <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                                          | Pool Name                                                                                                                                   |
| Property Code                                                                                                                               | Property Name <b>SPEEDWAY FED SWD</b>              | Well Number <b>#1</b>                                                                                                                       |
| OGRID No.                                                                                                                                   | Operator Name <b>SOLARIS WATER MIDSTREAM, LLC.</b> | Ground Level Elevation <b>3223'</b>                                                                                                         |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |                                                    | Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

**Surface Location**

|                |                      |                         |                      |     |                               |                                  |                            |                              |                       |
|----------------|----------------------|-------------------------|----------------------|-----|-------------------------------|----------------------------------|----------------------------|------------------------------|-----------------------|
| UL<br><b>N</b> | Section<br><b>29</b> | Township<br><b>23-S</b> | Range<br><b>27-E</b> | Lot | Ft. from N/S<br><b>40 FSL</b> | Ft. from E/W<br><b>2,439 FWL</b> | Latitude<br>32.268449397°N | Longitude<br>104.212900021°W | County<br><b>EDDY</b> |
|----------------|----------------------|-------------------------|----------------------|-----|-------------------------------|----------------------------------|----------------------------|------------------------------|-----------------------|

**Bottom Hole Location**

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

|                 |                         |                   |                                                                                                    |                    |
|-----------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------|--------------------|
| 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 |
|----|---------|----------|-------|-----|--------------|--------------|----------|-----------|--------|

**First Take Point (FTP)**

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

**Last Take Point (LTP)**

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

|                                           |                                                                                         |                         |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|
| Unitized Area or Area of Uniform Interest | Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical | Ground Floor Elevation: |
|-------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------|

**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.

Signature

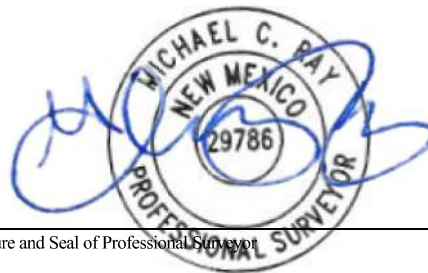
Date

Printed Name

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

Date of Survey

29786

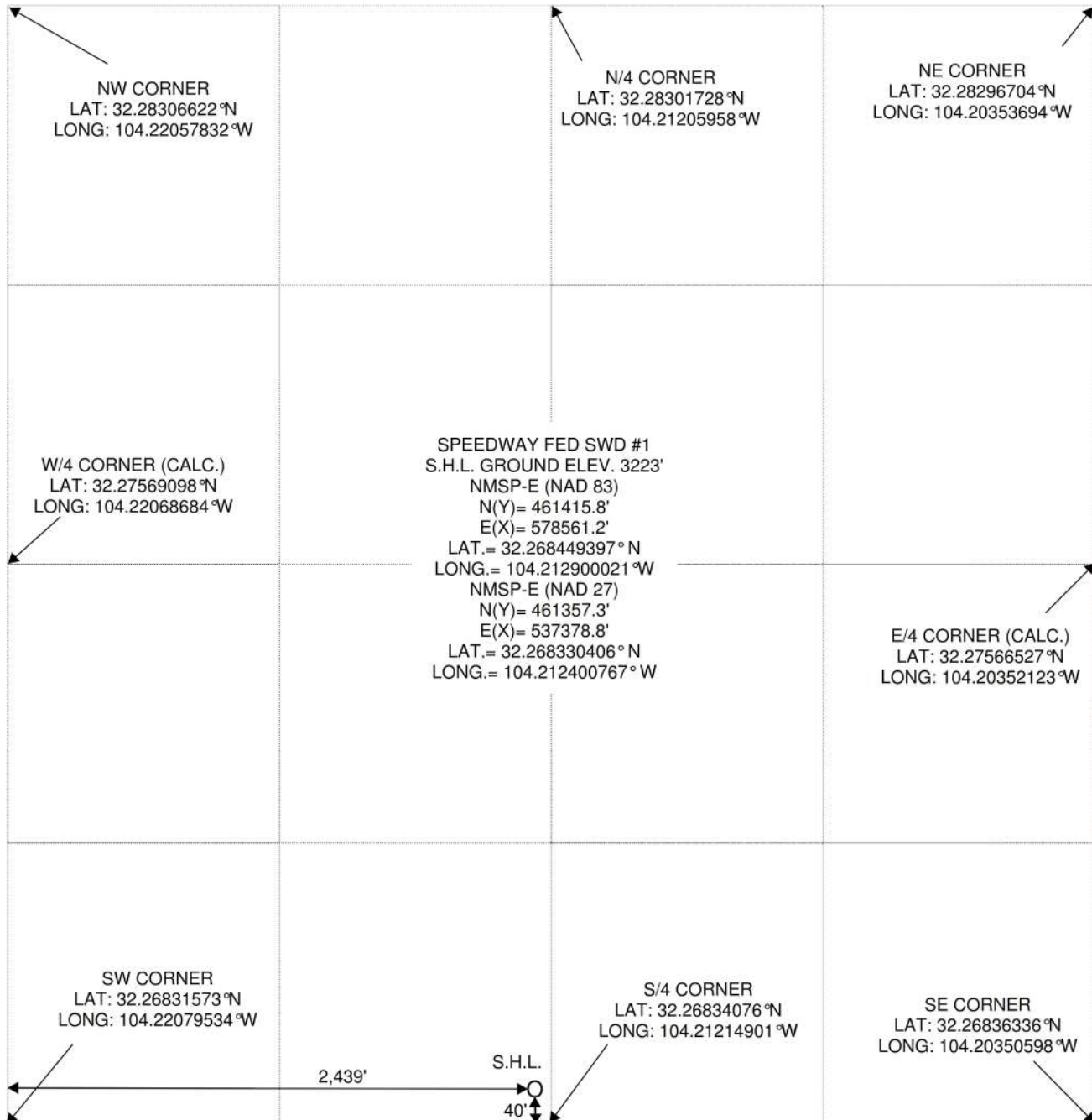
7-15-2025

**REV. 0**  
**7-21-25**

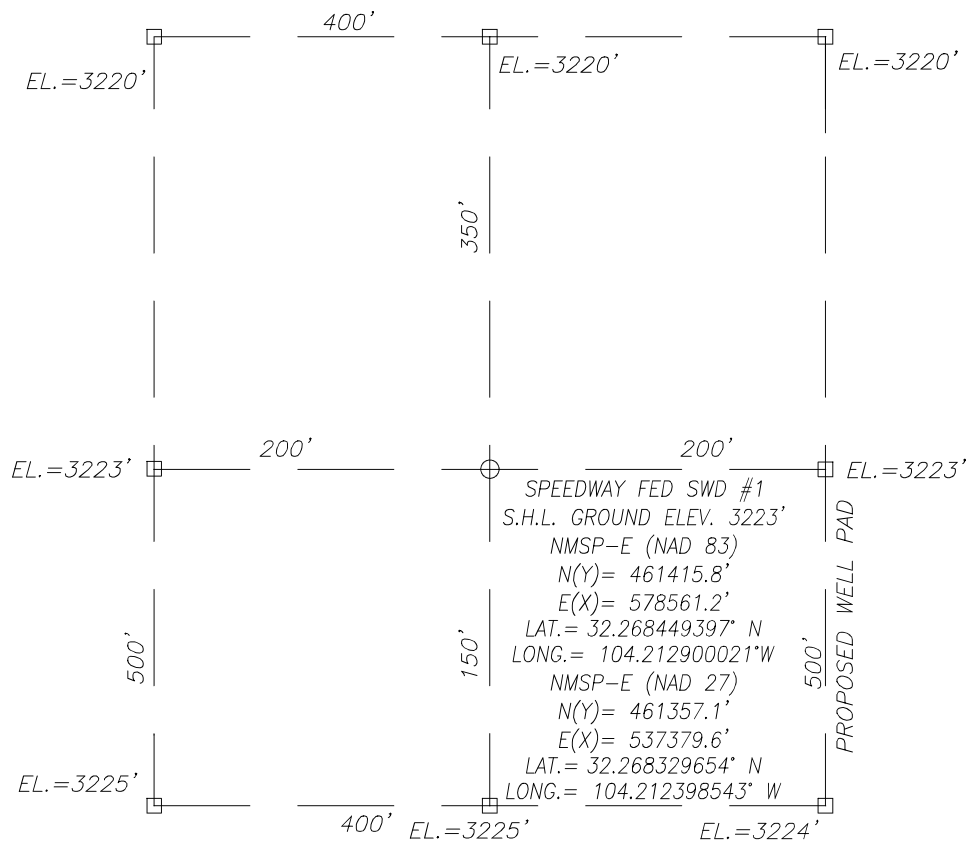
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



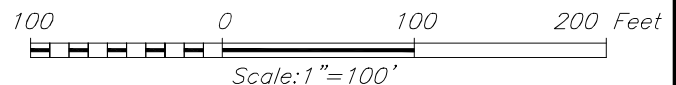
SECTION 29, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN CARLSBAD, NEW MEXICO AT THE INTERSECTION OF U.S. HWY. 62 AND WEST GREENE ST. HEAD SOUTH ON U.S. HWY. 62  $\pm 14.8$  MILES. TURN LEFT AND HEAD EAST ON COUNTY ROAD 720  $\pm 2.25$  MILES. TURN LEFT AND HEAD NORTH ON COUNTY ROAD 763  $\pm 4.4$  MILES. TURN LEFT AND HEAD NORTH ON COUNTY ROAD 748 FOR  $\pm 1.0$  MILE. THE WELL STAKED LOCATION FLAG IS EAST  $\pm 2,372$  FEET.

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



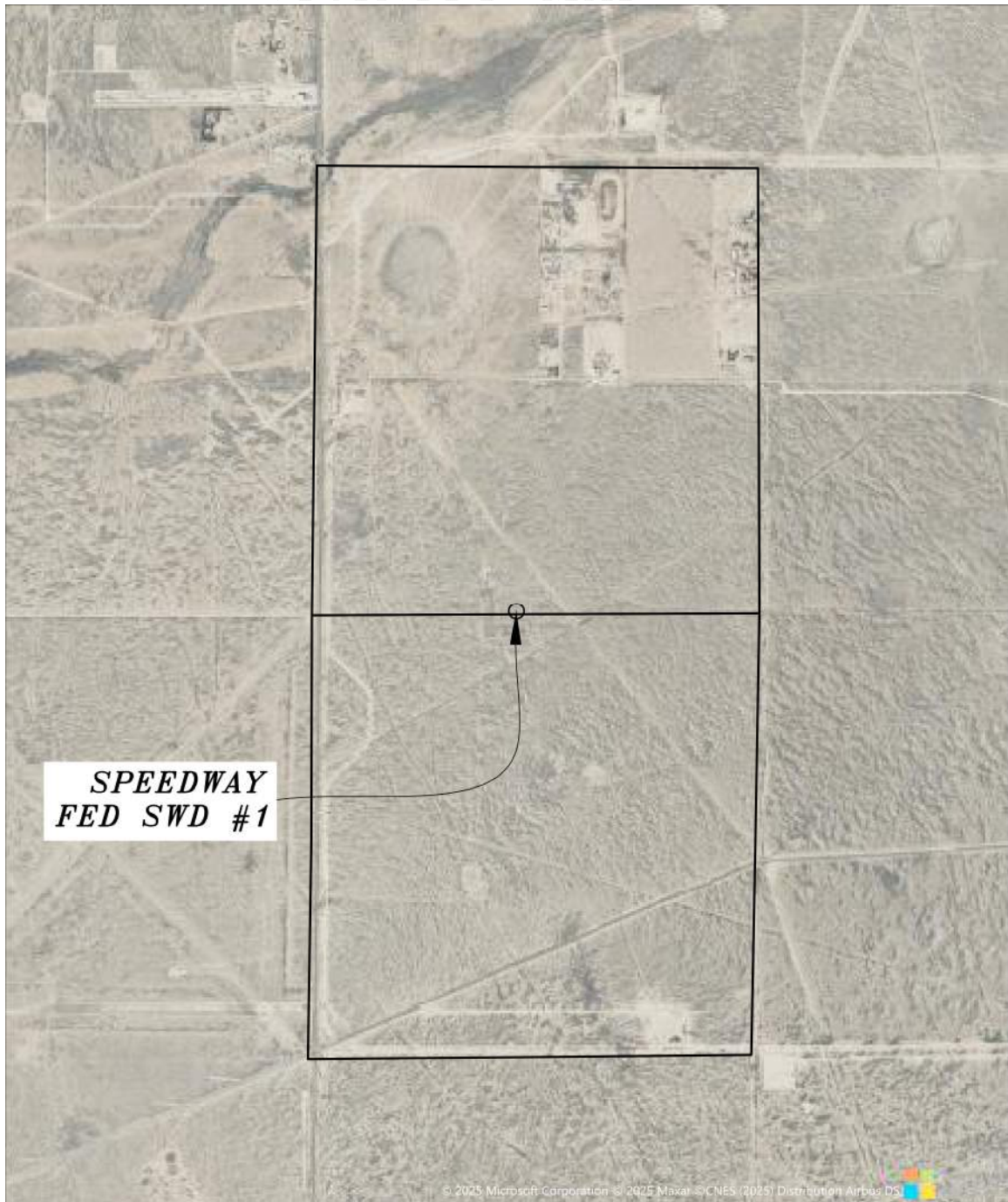
DOWNTOWN DESIGN SERVICES, INC.  
16 EAST 16th STREET, SUITE 400  
TULSA, OK 74119  
Tel: 918-592-3374 Fax: 918-221-3940  
www.ddsiglobal.com

**SOLARIS WATER MIDSTREAM, LLC.**

SPEEDWAY FED SWD #1  
LOCATED 40 FEET FROM THE SOUTH LINE  
AND 2,439 FEET FROM THE WEST LINE OF SECTION 29,  
TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD #1   |               |

## VICINITY MAP



SEC. 29 TWP. 23-S RGE. 27-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 40' F.S.L. & 2,439' F.W.L.  
 N.A.V.D. 88 ELEVATION 3223'  
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.  
 LEASE SPEEDWAY FED SWD #1  
 U.S.G.S. TOPOGRAPHIC MAP  
EDDY, N.M.

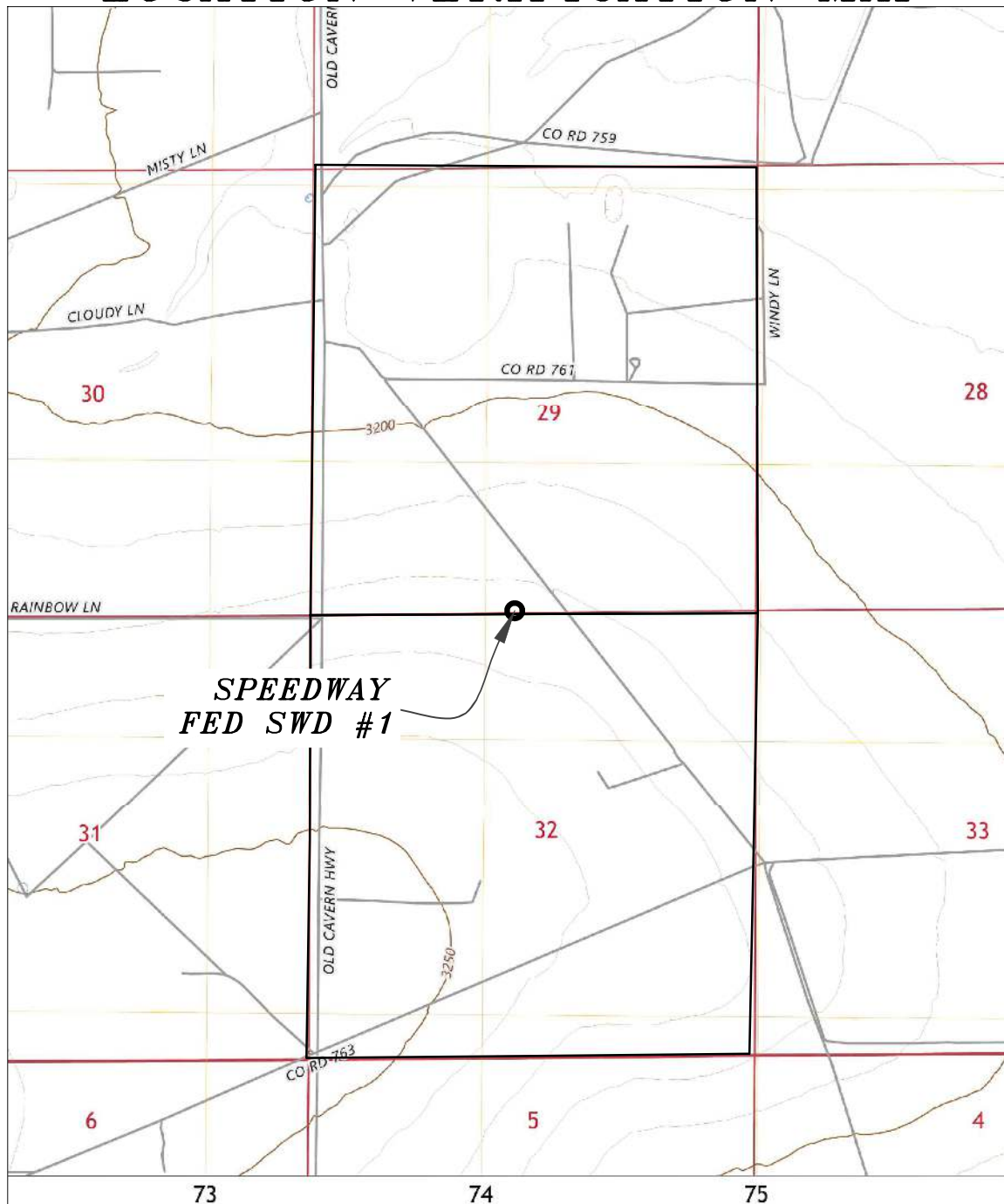
SCALE: 1" = 2000'

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

**SOLARIS WATER MIDSTREAM, LLC.**

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD#1    |               |

# LOCATION VERIFICATION MAP



CONTOUR INTERVAL: 10'

SEC. 29 TWP. 23-S RGE. 27-E  
 SURVEY N.M.P.M.  
 COUNTY EDDY STATE NEW MEXICO  
 DESCRIPTION 40' F.S.L. & 2,439' F.W.L.  
 N.A.V.D. 88 ELEVATION 3223'  
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.  
 LEASE SPEEDWAY FED SWD #1  
 U.S.G.S. TOPOGRAPHIC MAP  
EDDY, N.M.

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

## SOLARIS WATER MIDSTREAM, LLC.

|                             |               |
|-----------------------------|---------------|
| SURVEY DATE: JUL 14, 2025   | PAGE: 1 OF 1  |
| DRAFTING DATE: JUL 21, 2025 |               |
| APPROVED BY: MCR            | DRAWN BY: LDT |
| FILE: SPEEDWAY FED SWD#1    |               |



# WELL SCHEMATIC - PROPOSED Speedway Fed SWD #1

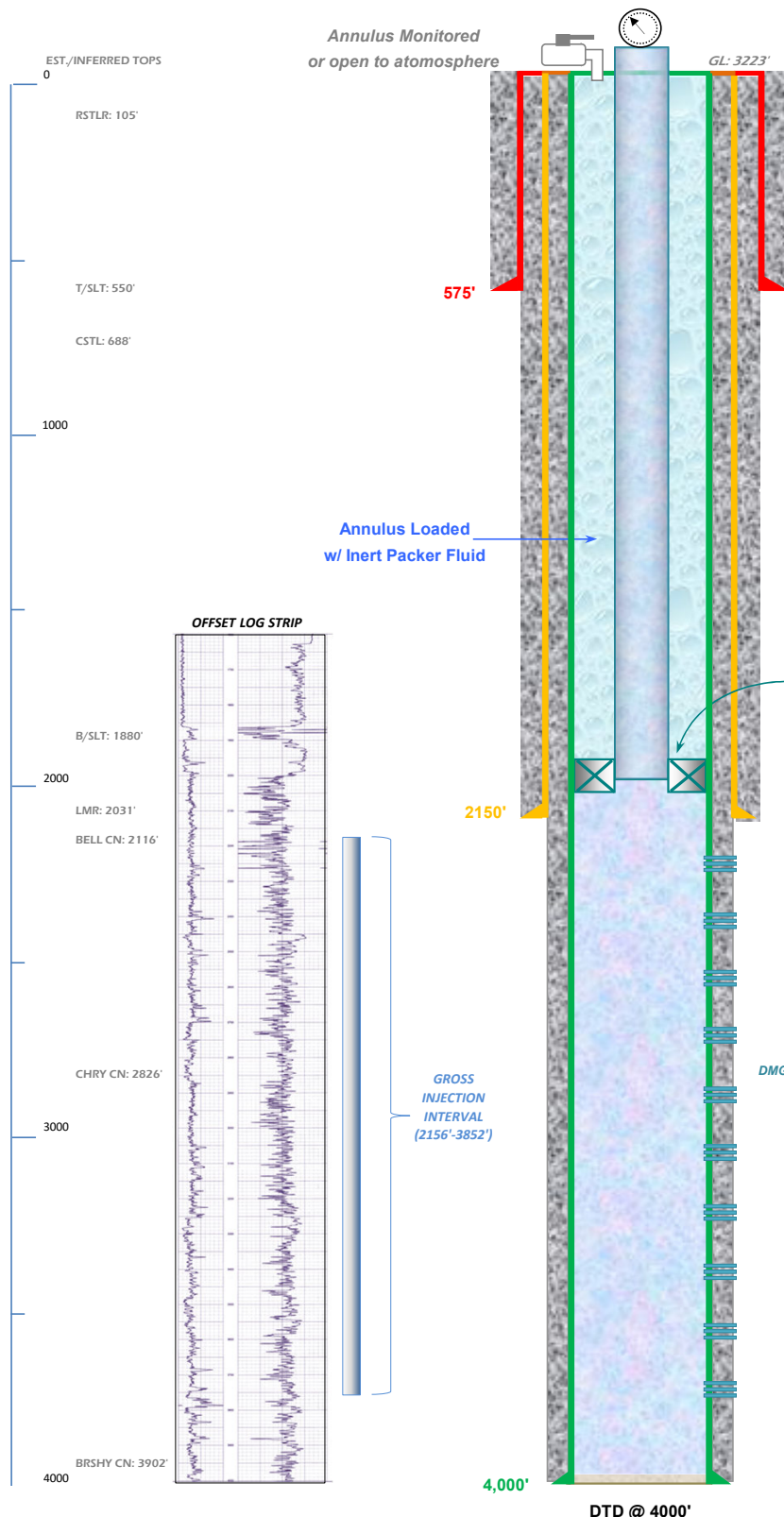
API 30-015-xxxxx

40' FSL & 2439' FWL, SEC. 29-23S-R27E  
EDDY COUNTY, NEW MEXICO

SWD; Bell Canyon-Cherry Canyon (96802)

Spud Date: ~4/15/2026

Config SWD Dt: ~5/01/2026



Injection Pressure Regulated  
and Volumes Reported  
433 psi Max. Surface (0.2 psi/ft)

**Surface Casing**

13.375" Csg. (17.5" Hole) @ 575'  
400 sx - Circulated to Surface

## Solaris Water Midstream, LLC

**Drill and Complete New SWD:**  
Drill and set casing as shown (25%-50% excess Cmt).  
Perforate select intervals w/ 4-8 jsf.  
Acidize w/ up to ~30,000 gals 15% HCl  
Run PC Tubing and PKR - Conduct Witnessed MIT.  
Commence Disposal Operations.

File all appropriate sundry and C-105 Completion Reports.

**5.5" IC Tubing (or smaller)**

PKR ~2066'+

Note: PKR Set 100' Above Final Uppermost Perf Interval.

**Intermediate Casing**

9.625", 36.0# J-55 Csg. (12.25" Hole) @ 2150'  
475 sx - Circulated to Surface

DMG Perfs - 2166'-3852'

Bell Canyon &amp; Cherry Canyon Selectively Perforated

**Production Casing**

7.625", 29.7# P-110 Csg. (8.75" Hole) @ 4,000';  
375 sx 'C' - Calc'd to Circ.

Drawn by: Ben Stone, 9/20/2025



## **C-108 ITEM XIII – PROOF OF NOTIFICATION**

### IDENTIFICATION AND NOTIFICATION OF AFFECTED PARTIES

#### **Exhibits for Section**

Affected Parties Map

List of Affected Parties

Notification Letter to Affected Parties

Instructions for PDF Document Access

Proof of Certified Mailing

Affidavit Published Legal Notice

## **C-108 - Items III, IV, V, VI**

### **Item III - Subject Well Data**

1. Wellbore Diagram – PROPOSED
2. Packer Specifications/ Diagram

### **Item IV – Expansion of Existing**

No, Not an Expansion

### **Item V – Area of Review Maps**

1. Two Mile AOR Map with One-Mile Fresh Water Well Radius
2. One-Half Mile AOR Map

### **Item VI – Tabulation of AOR Wells**

1. Tabulation Attached; 5 Wells Penetrate the Proposed Injection Interval, 3 P&A
2. Plugging Diagrams for 2 Wells

*All Above Exhibits follow this page...*

## Form C-108 Item VI - Tabulation of AOR Wells

Top of Proposed DMG Interval 2166'

5 Wells Penetrate Proposed Interval.

| API No.                                                                                                                                                                                                     | Operator                 | Well Name & No.                    | Type | Status | ULSTR        | Lease   | SPUD Date  | Vertical Depth | Plug Date               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------|------|--------|--------------|---------|------------|----------------|-------------------------|
| 30-015-43452                                                                                                                                                                                                | MEWBOURNE OIL CO         | GOOSE 29 28 W2BA STATE COM #001H   | Gas  | Active | B-29-23S-27E | State   | 1/24/2016  | 9481'          |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 10,185'-17,100' (~9900' V); 13-3/8" @ 480' w/550sx, 9.625" @ 1940' W/ 600 sx, 7.0" @ 10,133' w/ 950 sx, 4.5" @ 16,073' w/350sx; TOC=Calc. to Circ., Lst Prd June 2025   |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-43498                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 32 W0LM FEDERAL COM #001H | Gas  | Active | L-29-23S-27E | Federal | 12/31/2015 | 9075'          |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 9,290'-16,105' (~9100' V); 13-3/8" @ 469' w/500sx, 9.625" @ 1946' W/ 700 sx, 7.0" @ 9393' w/ 950 sx, 4.5" @ 16,131' w/350sx; TOC=Calc. to Circ., Lst Prd June 2025      |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53929                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 28 W0MP FEDERAL COM #001H | Gas  | New    | M-29-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53930                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 29 28 W0LI FEDERAL COM #001H | Gas  | New    | M-29-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53927                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 W0EH FEDERAL COM #001H | Gas  | New    | D-32-23S-27E | Federal | 8/3/2023   | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53928                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 W0DA FEDERAL COM #001H | Gas  | New    | D-32-23S-27E | Federal | 12/30/9999 | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-24201                                                                                                                                                                                                | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001               | Oil  | P&A-R  | G-32-23S-27E | Federal | 12/31/1899 | 0'             | 12/31/1899              |
|                                                                                                                                                                                                             |                          |                                    |      |        |              |         |            |                | P&A Diagram attached... |
| 30-015-10358                                                                                                                                                                                                | PRE-ONGARD WELL OPERATOR | PRE-ONGARD WELL #001               | Oil  | P&A-R  | K-32-23S-27E | State   | 12/31/1899 | 0'             | 12/31/1899              |
|                                                                                                                                                                                                             |                          |                                    |      |        |              |         |            |                | P&A Diagram attached... |
| 30-015-53286                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #718H        | Gas  | New    | L-32-23S-27E | Private | 5/17/2024  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53287                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #716H        | Gas  | New    | L-32-23S-27E | Private | 5/31/2023  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-53834                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 33 STATE COM #828H        | Gas  | New    | L-32-23S-27E | State   | 7/18/2023  | 0'             |                         |
| APPEARS TO BE DRILLED; COMPLETION RECORDS NOT POSTED - WOLFCAMP COMPLETION SIMILAR TO DOCUMENTED WELLS.                                                                                                     |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-44075                                                                                                                                                                                                | MEWBOURNE OIL CO         | VIPER 32 29 W2PI FEDERAL COM #001H | Gas  | Active | P-32-23S-27E | State   | 3/11/2019  | 10009'         |                         |
| PURPLE SAGE; WOLFCAMP (Gas), Perfs: 10,102'-17,245' (~10,000' V); 13-3/8" @ 425' w/450sx, 9.625" @ 2045' W/ 650 sx, 7.0" @ 10,255' w/ 850 sx, 4.5" @ 17,245' w/500sx; TOC=Calc. to Circ., Lst Prd June 2025 |                          |                                    |      |        |              |         |            |                |                         |
| 30-015-42315                                                                                                                                                                                                | MEWBOURNE OIL CO         | COLOSSAL BUO STATE #002            | Oil  | P&A-R  | P-32-23S-27E | State   | 5/28/2014  | 175'           | 3/30/2016               |
| DOES NOT PENETRATE                                                                                                                                                                                          |                          |                                    |      |        |              |         |            |                |                         |

SUMMARY: 5 wells penetrate the proposed disposal interval, 3 Active &amp; 2 P&amp;A.



## **C-108 ITEM VII – PRODUCED WATER ANALYSES**

*Source and Disposal Waters are Reasonably Compatible.*

### **Item VII.4 – Water Analysis of Source Zone Water**

Delaware, Bone Spring, Wolfcamp

### **Item VII.5 – Water Analysis of Disposal Zone Water**

DMG

*Water analysis summaries follow this page...*

# e-Permitting

## C-108 Submittal

Attachment Category

### Seismicity Analysis

For High Volume Devonian Wells

**(NOT APPLICABLE TO THIS APPLICATION)**

## **C-108 ITEM VII – PROPOSED OPERATION**

### **Solaris Water Midstream Speedway Fed SWD No.1**

**Note: The prospect was developed pursuant to the 'Revised OCD Recommendations for Administrative Approval of UIC Disposal Wells in the DMG'**

1. Location – the prospect is outside the DMGRA, location is new, waterflows are nonexistent and, there are no other DMG SWDs in the area.
2. The proposed interval into the Bell Canyon and Cherry Canyon formations do not include the Lamar Limestone or the lower Brushy Canyon. Additional information is included in the following pages to address formation specs, testing and 20-year performance modeling for the proposed operation.
3. Well will be constructed to comply with this and all regulations. All casing will be cemented to surface; location is beyond potash areas and the well will not be fracture stimulated.
4. CBL will be run on each casing string, appropriate suite of logs will be run (quad-combo), a step-rate test will be conducted and pressure gradient verified prior to approval to commence injection. Further, Solaris will provide static BHP every 2 years and include in a detailed performance summary of the SWD. Every 4 years, Solaris will conduct additional testing to include a tracer survey, falloff test, formation sampling and any additional testing or reports deemed necessary by OCD engineering and UIC staff. If requested and warranted, Solaris is amenable to installing a public seismic monitoring station.

### ***Commercial SWD Facility***

Upon approval of all permits for SWD, operations would begin within 30 days. Completion of the well operations will take approximately 6-8 weeks. Facility construction including installation of the tank battery, berms, plumbing and other and associated equipment would occur as soon as possible and immediately after the rig is moved out. In any event, it is not expected for the construction phase of the project to last more than 60 days, depending on availability of contractors and equipment. The operator will have obtained all necessary easements, rights-of-way or other instruments as required to begin operations.

### ***Configure for Salt Water Disposal***

Prior to commencing any work, C-103 NOI sundry(ies) will be submitted to configure the well for SWD and will detail the completion workover including all work otherwise described above, any change to the procedure noted herein and to perform mechanical integrity pressure test per BLM and OCD test procedures. (Notify NMOCD 24 hours prior.) The casing/tubing annulus will be monitored for communication with injection fluid or loss of casing integrity. The operator

will have the voluntary option to install a seismic monitoring device which may or may not be coordinated with resources in the state.

### ***Operational Summary***

The SWD facility will initially be for trucking access but maybe tied into Solaris infrastructure as the system expands in future years.

The Speedway Fed SWD well and injection equipment will be a closed system and equipped with pressure limiting devices and volume meters. The annulus, loaded with an inert, anti-corrosion packer fluid, will be monitored for pressure.

All tanks will be equipped with telemetry devices and visual alarms to alert the operator and customers of full tanks or an overflow situation. Berms will be constructed to contain at least 150% of the largest tank volume.

Anticipated daily maximum volume is 18,500 bpd and an average of 12,500 bpd at a maximum surface injection pressure of 433 psi (.2 psi/ft gradient).

Potential releases will be contained and cleaned up immediately. The operator shall repair or otherwise correct the situation within 48 hours before resuming operations. OCD will be notified within 24 hours of any release greater than 5 bbls. If required, remediation will start as soon as practicable. Operator shall comply with 19.15.29 NMAC and 19.15.30 NMAC, as necessary and appropriate.

**Affidavit of Publication**No. 59710

State of New Mexico

Publisher

County of Eddy:

**Adrian Hedden**

being duly sworn, says that he is the

**Publisher**

of the Artesia Daily Press, a weekly newspaper of General

circulation, published in English at Artesia,

said county and state, and that the hereto attached

**Legal Ad**

was published in a regular and entire issue of the said

Artesia Daily Press, a weekly newspaper duly qualified

for that purpose within the meaning of Chapter 167 of

the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication August 21, 2025

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

Fifth Publication \_\_\_\_\_

Sixth Publication \_\_\_\_\_

Seventh Publication \_\_\_\_\_

Eighth Publication \_\_\_\_\_

Subscribed and sworn before me this

21st day of August 2025

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

*Latisha Romine*

Latisha Romine

Notary Public, Eddy County, New Mexico

**Copy of Publication:****LEGAL NOTICE**

Solaris Water Midstream, LLC, 9651 Katy Freeway, Suite 400, Houston, Texas, 77024, is filing Form C-108 (Application for Authority to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for a salt water disposal well. The proposed well, Speedway SWD No.1, (API 30-015-TBD) will be located 40' FSL and 2439 FWL, Section 29, Township 23 South, Range 27 East, Eddy County, New Mexico. Produced water from area production will be commercially disposed into the Bell Canyon and Cherry Canyon formations at a depth of 2,166' to 3,852' at a maximum surface pressure of 433 psi with a maximum daily rate of 18,500 bwpd and an average daily rate of 12,500 bwpd. The proposed SWD well is located approximately 9.7 miles south/ southwest of Carlsbad, NM.

Interested parties wishing to object to the proposed application must file with the New Mexico Oil Conservation Division, 1220 St. Francis Dr., Santa Fe, NM 87505, (505)476-3460 within 15 days of the filing of the application which is expected 10 days from the date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)967-5950 or, email info@sosconsulting.us.  
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/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 516223

CONDITIONS

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|---------------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>SOLARIS WATER MIDSTREAM, LLC<br>9651 Katy Fwy<br>Houston, TX 77024 | OGRID:<br>371643                                     |
|                                                                                 | Action Number:<br>516223                             |
|                                                                                 | Action Type:<br>[C-108] Fluid Injection Well (C-108) |

CONDITIONS

| Created By     | Condition | Condition Date |
|----------------|-----------|----------------|
| stacy.sandoval | None      | 10/23/2025     |