

# AE Order Number Banner

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**Application Number: pMSG2436445740**

**SWD-2642**

**SOLARIS WATER MIDSTREAM, LLC [371643]**



November 27, 2024

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

Subject: Solaris Water Midstream, LLC  
Application for Authorization to Inject  
Fez SWD #1

OCD Director,

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

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

Sincerely,

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

Nate Alleman  
Chief Regulatory Advisor  
Ace Energy Advisors

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



### ADMINISTRATIVE APPLICATION CHECKLIST

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

<b>Applicant:</b> <u>Solaris Water Midstream, LLC</u>	<b>OGRID Number:</b> <u>371643</u>
<b>Well Name:</b> <u>Fez SWD #1</u>	<b>API:</b> <u>30-025-xxxxx</u>
<b>Pool:</b> <u>SWD; Delaware</u>	<b>Pool Code:</b> <u>96100</u>

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

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication  
☐ NSL      ☐ NSP (PROJECT AREA)      ☐ NSP (PRORATION UNIT)      ☐ SD
- B. Check one only for [ I ] or [ II ]
- [ I ] Commingling – Storage – Measurement  
☐ DHC   ☐ CTB   ☐ PLC   ☐ PC   ☐ OLS   ☐ OLM
- [ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery  
☐ WFX   ☐ PMX   ☒ SWD   ☐ IPI   ☐ EOR   ☐ PPR
- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. ☒ Offset operators or lease holders  
 B. ☐ Royalty, overriding royalty owners, revenue owners  
 C. ☒ Application requires published notice  
 D. ☐ Notification and/or concurrent approval by SLO  
 E. ☒ Notification and/or concurrent approval by BLM  
 F. ☒ Surface owner  
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,  
 H. ☐ No notice required

#### FOR OCD ONLY

- ☐ Notice Complete
- ☐ Application Content Complete

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

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

Nathan Alleman

Print or Type Name

Nathan Alleman

Signature

11/27/2024

Date

918-237-0559

Phone Number

nate.alleman@aceadvisors.com


e-mail Address

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL  
RESOURCES DEPARTMENT

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

FORM C-108  
Revised June 10, 2003

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance ☒ \_\_\_\_\_ Disposal \_\_\_\_\_ Storage  
Application qualifies for administrative approval? ☒ Yes \_\_\_\_\_ No
- II. OPERATOR: Solaris Water Midstream, LLC  
ADDRESS: 907 Tradewinds Blvd, Midland, TX 79706  
CONTACT PARTY: Ace Energy Advisors - Nate Alleman PHONE: (918) 237-0559
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? \_\_\_\_\_ Yes ☒ \_\_\_\_\_ No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.  
NAME: Nate Alleman TITLE: Regulatory Consultant  
SIGNATURE:  DATE: 11/27/2024  
E-MAIL ADDRESS: nate.alleman@aceadvisors.com
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

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

Side 2

## III. WELL DATA

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

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

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

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

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

## XIV. PROOF OF NOTICE

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

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

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

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

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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.

### III. Well Data

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

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

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

Lease/Well Name & Number: Fez SWD #1

Legal Location: 718' FSL & 307' FEL - Unit P – Section 5 T25S R35E – Lea County

Coordinates: 32.15411705, -103.38200877

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

Casing String	Hole Size (in)	Casing Size (in)	Casing Depth (ft)	Sacks Cement (sx)	Top of Cement (ft)	Method Determined
Surface	24	20	698	725	0	Circulation
Intermediate	17-1/2	13-3/8	5,338	2,385	0	Circulation
Production	12-1/4	9-5/8	7,770	1,525	0	Circulation

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

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

7" fiberglass-coated tubing set at 5,340'

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

Arrowset AS-1X Retrievable Packer (or equivalent) set at 5,340'

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

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

Injection Formation Name - Bell Canyon & Cherry Canyon

Pool Name - SWD; Delaware

Pool Code – 96100

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

Cased-hole injection between 5,390' - 7,770'

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

New drill for injection

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

None

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

- **Overlying** - None
- **Underlying**
  - T. Avalon Shale/Bone Spring perms @ approx. 9,000')
  - T. Wolfcamp perms @ (approx.12,500')

## **V. AOR Maps**

**Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.**

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

- Well Map & List
- Leaseholder Map
- Surface Ownership Map
- Mineral Ownership Map
- DMG SWD & AGI Proximity Map
  - The nearest DMG SWD is the Beaza SWD #1 (30-025-49600) located approximately 3.1 miles (16,398 ft) to the northwest, and the nearest DMG AGI well is located approximately 9.2 miles (48,656 ft) to the northwest.

## **VI. AOR List**

**Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.**

Details of the wells within the 0.5-mile AOR are included in **Attachment 2**. One well penetrates the injection interval within the 0.5-mile AOR, but is cased and cemented across the proposed injection interval. There are 16 additional horizontal wells whose surface hole locations are located outside the AOR, and therefore do not penetrate the injection interval within the AOR, but whose horizontal wellbores do pass beneath the proposed injection interval within the AOR radius.

## **VII. Operational Information**

**Attach data on the proposed operation, including:**

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

Maximum: 25,000 bpd

Average: 20,000 bpd

- (2) Whether the system is open or closed;**

The system will be closed.

- (3) Proposed average and maximum injection pressure;**

Maximum: 1078 psi (surface)

Average: approx. 800 psi (surface)

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

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

- (5) If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).**

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

## **VIII. Geologic Description**

**Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.**

The proposed injection interval, between depths of 5,390 and 7,770 feet below ground level, will span the Bell and Cherry Canyon Formations, which are subdivisions of the Delaware Mountain Group. These formations consist of interbedded sequences composed predominantly of sandstone, siltstone, and shale, with minor limestone beds.

The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, is determined to occur at the top of the Rustler Formation, at a depth of 673 feet below ground level.

Upper confinement, separating the injection interval from the overlying USDW, will be provided by the low-porosity carbonate and low-permeability shale of the Lamar Formation, as well as the impervious salts and anhydrites of the Castile, Salado, and Rustler Formations, which collectively are expected to be 4,666 feet thick. Lower confinement will be ensured by an approximately 100-foot-thick package of interbedded shales, siltstones, and limestones at the top of the upper Brushy Canyon.

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

## **IX. Proposed Stimulation Program**

**Describe the proposed stimulation program, if any.**

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

## **X. Logging and Test Data**

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

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

## **XI. Groundwater Wells**

**Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.**

Based on data obtained from the New Mexico Office of the State Engineer (OSE), a total of 4 groundwater wells (1 possibly active and 3 pending) are located within 1 mile of the proposed SWD location. One well was determined to be suitable for sampling. We are currently attempting to contact owners of water well sampling candidates to collect samples and the analyses of any collected samples will be submitted to OCD upon receipt.

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

## **XII. No Hydrologic Connection Statement**

**Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.**

A geologic review conducted on offset wireline log data and published regional studies did not identify any faulting in the vicinity of the proposed locations that would allow for the hydraulic communication between the injection interval and overlying USDWs. The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, was determined to occur at the top of the Rustler formation at a depth of 673'. Water wells in the area for domestic/livestock use are drilled to a depth of approximately 165' - 260'.

An Affirmative Statement signed by a qualified individual is included as **Attachment 6**.

## **XIII. Proof of Notice**

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

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

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

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

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

## **Attachment 1**

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

## WELL LOCATION INFORMATION

API Number	Pool Code 96100	Pool Name SWD; DELAWARE
Property Code	Property Name FEZ SWD	Well Number #1
OGRID No. 331374	Operator Name SOLARIS WATER MIDSTREAM, LLC.	Ground Level Elevation 3258'
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 P	Section 5	Township 25-S	Range 35-E	Lot	Ft. from N/S 718 FSL	Ft. from E/W 307 FEL	Latitude 32.15411705° N	Longitude 103.38200877° W	County LEA
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## Bottom Hole Location

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

## Kick Off Point (KOP)

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

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

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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## OPERATOR CERTIFICATIONS

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

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



11/27/2024

Signature

Date

Nathan Alleman

Printed Name

nate.alleman@aceadvisors.com

Email Address

## SURVEYOR CERTIFICATIONS

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



Signature and Seal of Professional Surveyor



Certificate Number

24876

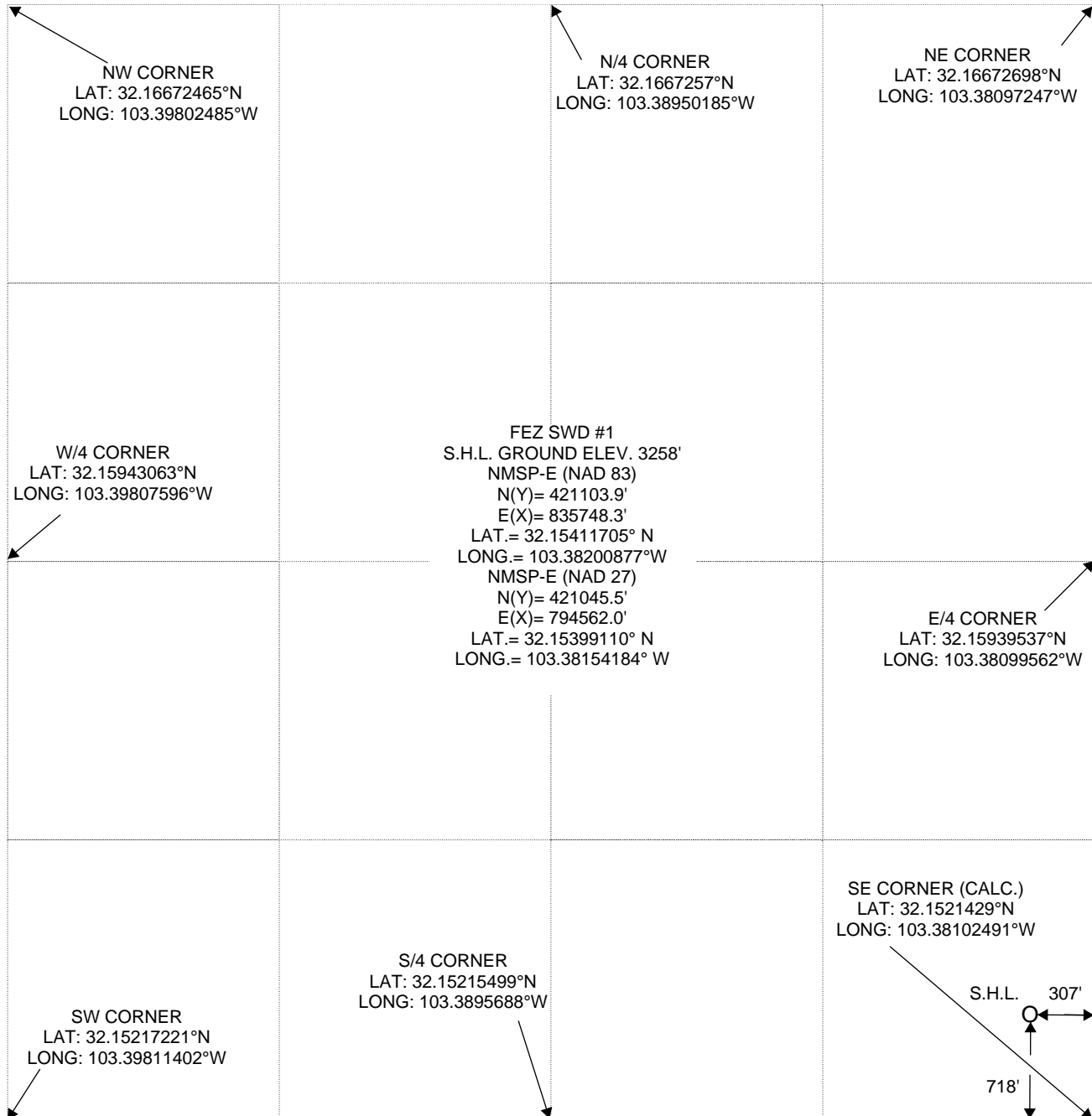
Date of Survey

9-13-2024

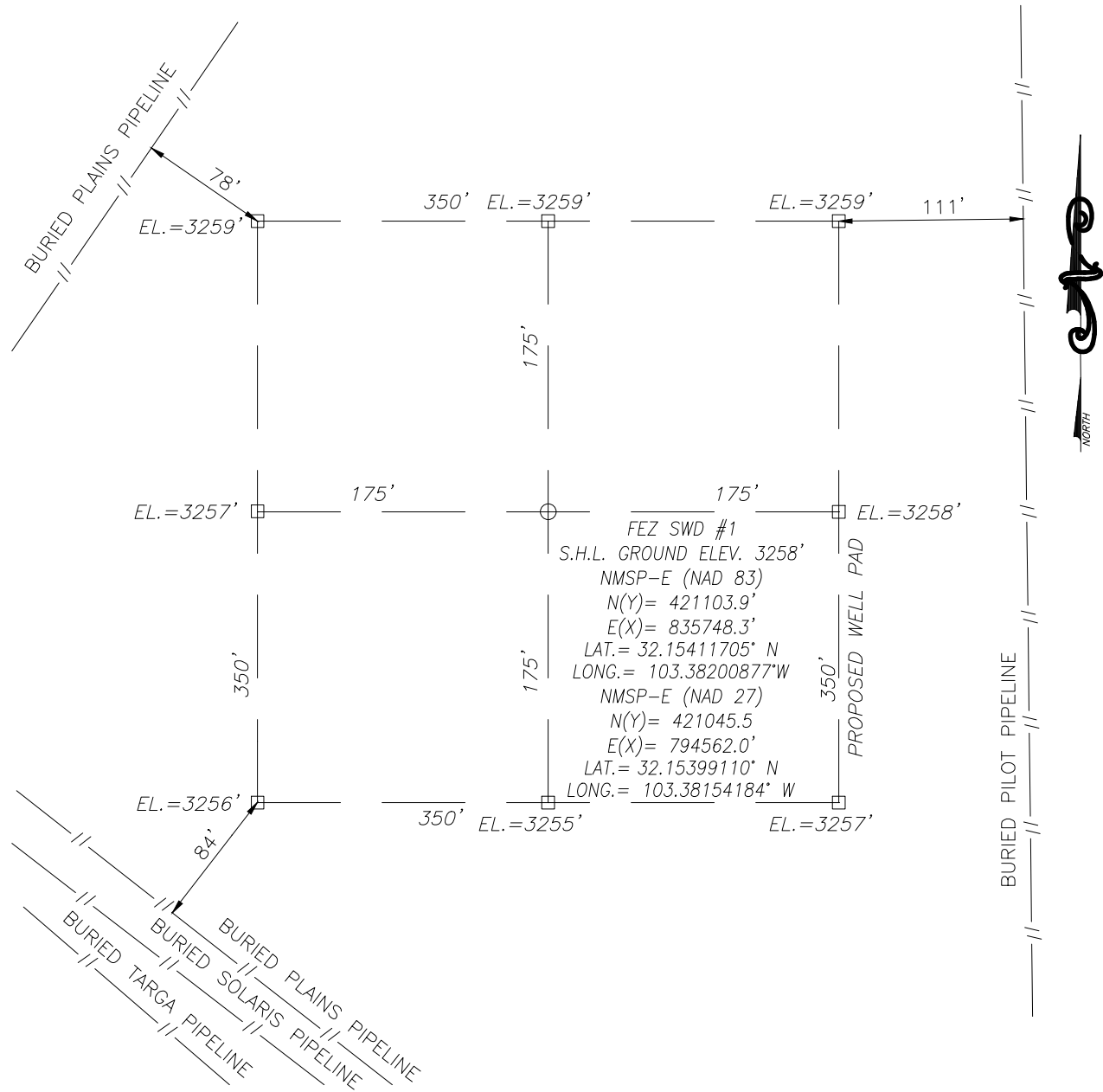
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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



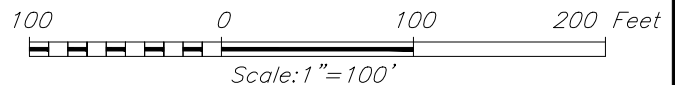
SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.,  
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN JAL, NEW MEXICO AT THE INTERSECTION OF ST. HWY. 18 AND STATE HWY. 128 HEAD WEST ON ST. HWY. 128  $\pm 14.0$  MILES. TURN LEFT AND HEAD SOUTH ON ACCESS ROAD  $\pm 2.3$  MILES. TURN LEFT AND HEAD EAST ON ACCESS ROAD  $\pm 1.9$  MILES. THE WELL STAKED LOCATION FLAG IS NORTH  $\pm 600$  FEET.

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



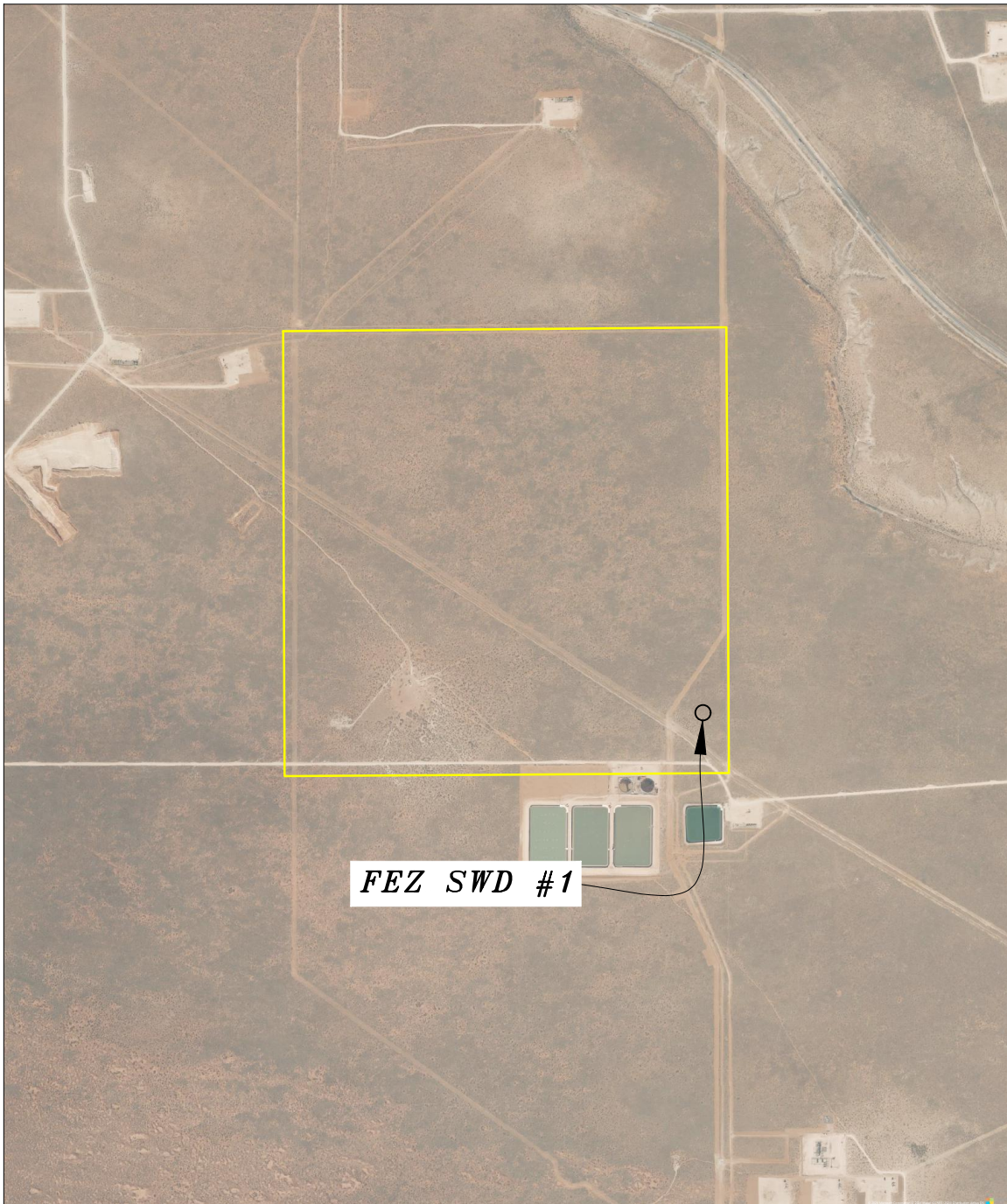
**DDSi**  
DOWNTOWN DESIGN SERVICES, INC.  
16 EAST 16th STREET, SUITE 400  
TULSA, OK 74119  
Tel: 918-592-3374 Fax: 918-221-3940  
www.ddsiglobal.com

**SOLARIS WATER MIDSTREAM, LLC.**

FEZ SWD #1  
LOCATED 718 FEET FROM THE SOUTH LINE  
AND 307 FEET FROM THE EAST LINE OF SECTION 5,  
TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

SURVEY DATE: SEP. 13, 2024	PAGE: 1 OF 1
DRAFTING DATE: SEP. 16, 2024	
APPROVED BY: CEC	DRAWN BY: TJA
	FILE: FEZ SWD #1

## VICINITY MAP



SEC. 5 TWP. 25-S RGE. 35-E  
 SURVEY N.M.P.M.  
 COUNTY LEA STATE NEW MEXICO  
 DESCRIPTION 718' F.S.L. & 307' F.E.L.  
 N.A.V.D. 88 ELEVATION 3258'  
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.  
 LEASE FEZ SWD #1  
 U.S.G.S. TOPOGRAPHIC MAP  
LEA, N.M.

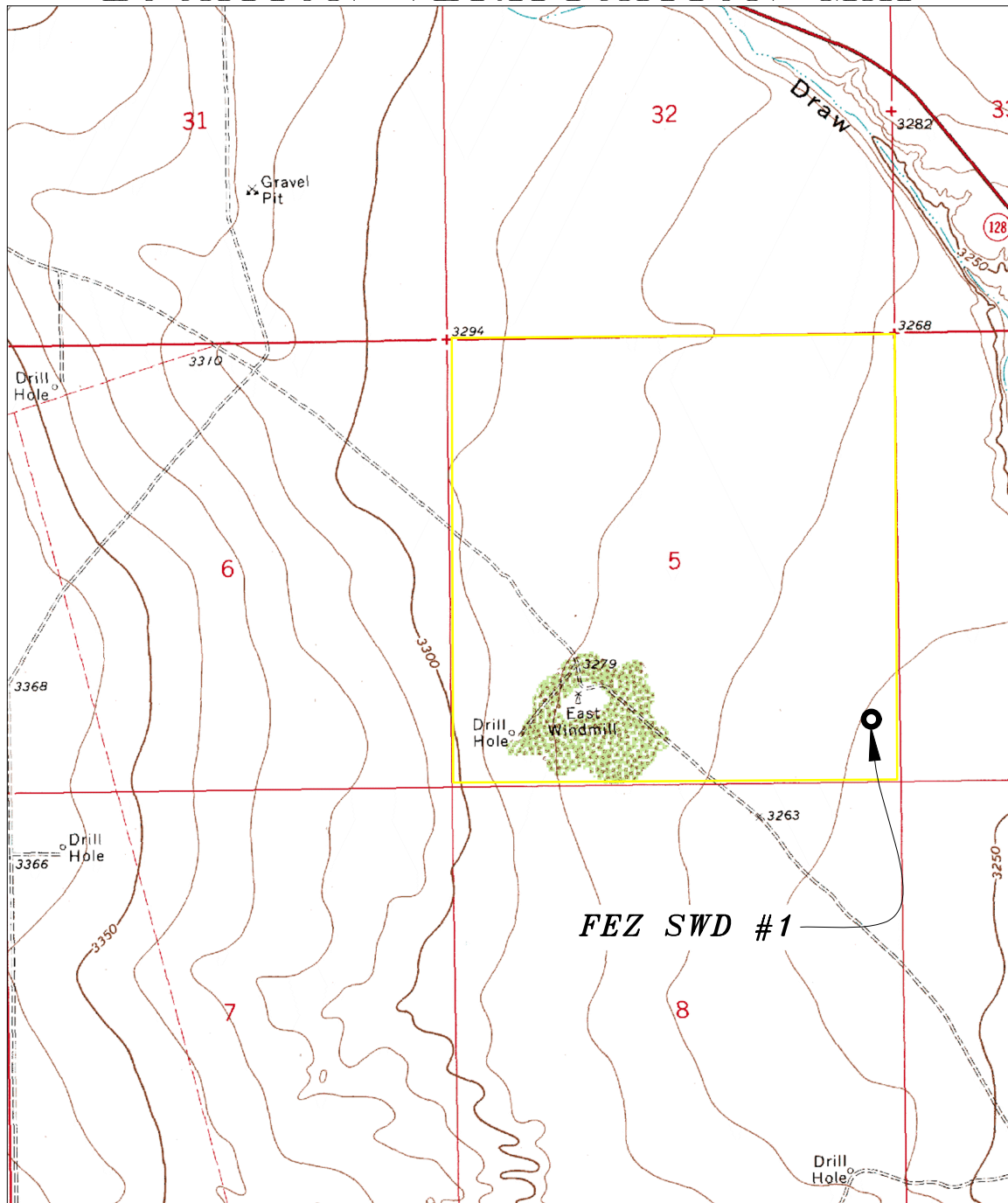
SCALE: 1" = 2000'

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

**SOLARIS WATER MIDSTREAM, LLC.**

SURVEY DATE: SEP. 13, 2024	PAGE: 1 OF 1
DRAFTING DATE: SEP 16, 2024	
APPROVED BY: CEC	DRAWN BY: TJA
FILE: FEZ SWD#1	

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

SEC. 5 TWP. 25-S RGE. 35-ESURVEY N.M.P.M.COUNTY LEA STATE NEW MEXICODESCRIPTION 718 F.S.L. & 307' F.E.L.N.A.V.D. 88 ELEVATION 3258'OPERATOR SOLARIS WATER MIDSTREAM, LLC.LEASE FEZ SWD #1

U.S.G.S. TOPOGRAPHIC MAP

LEA, N.M.

FEZ SWD #1



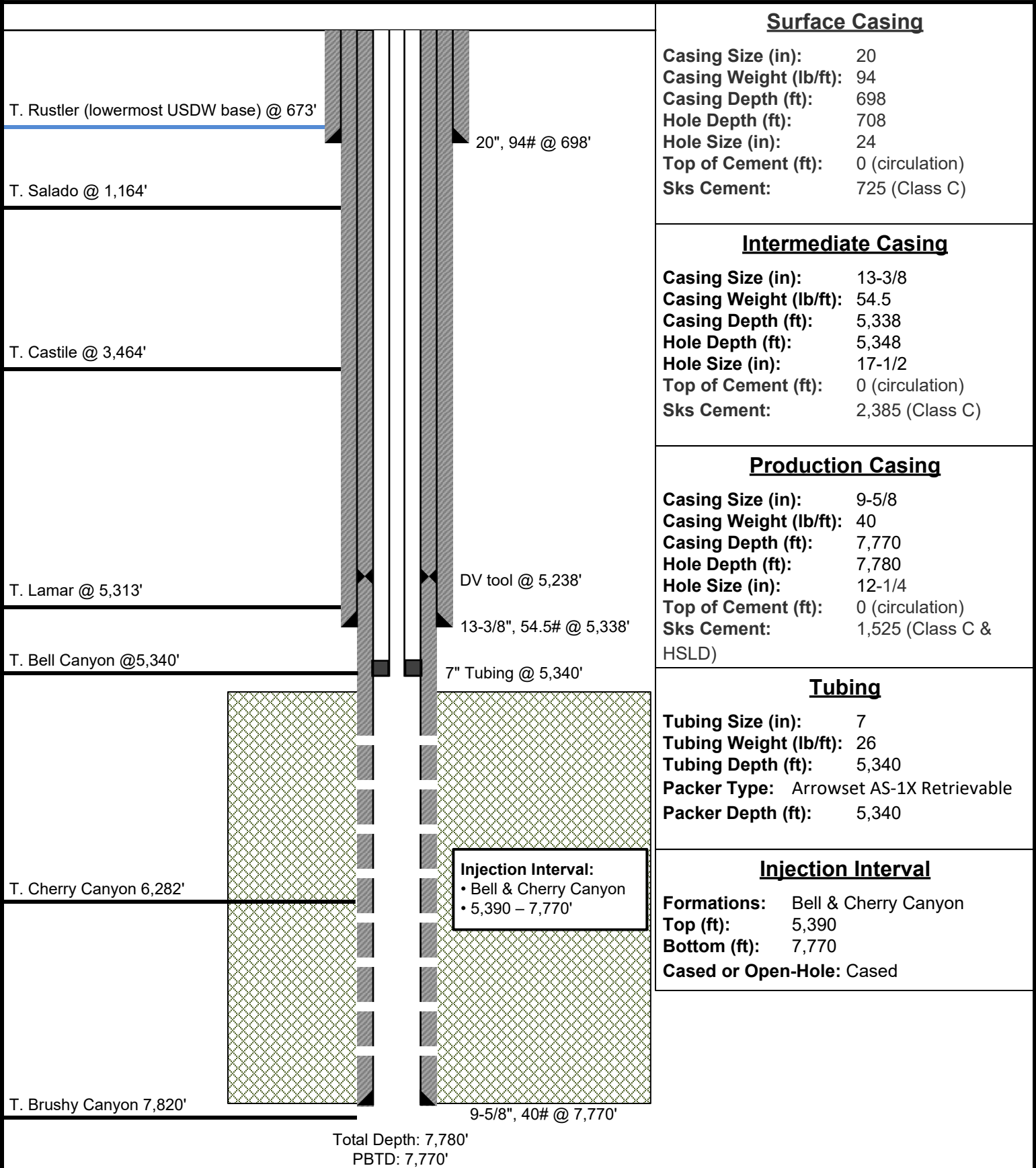
ELEVATIONS SHOWN WERE DERIVED FROM  
STATIC GPS AND ARE IN N.A.V.D 1988 DATUM.

## SOLARIS WATER MIDSTREAM, LLC.

SURVEY DATE: SEP. 13, 2024	PAGE: 1 OF 1
DRAFTING DATE: SEP. 16, 2024	
APPROVED BY: CEC	DRAWN BY: TJA
	FILE: FEZ SWD#1

# Solaris Water Midstream, LLC

## Fez SWD #1 Wellbore Diagram



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

**Weatherford®**

Packer Systems

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

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

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

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

### *Applications*

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

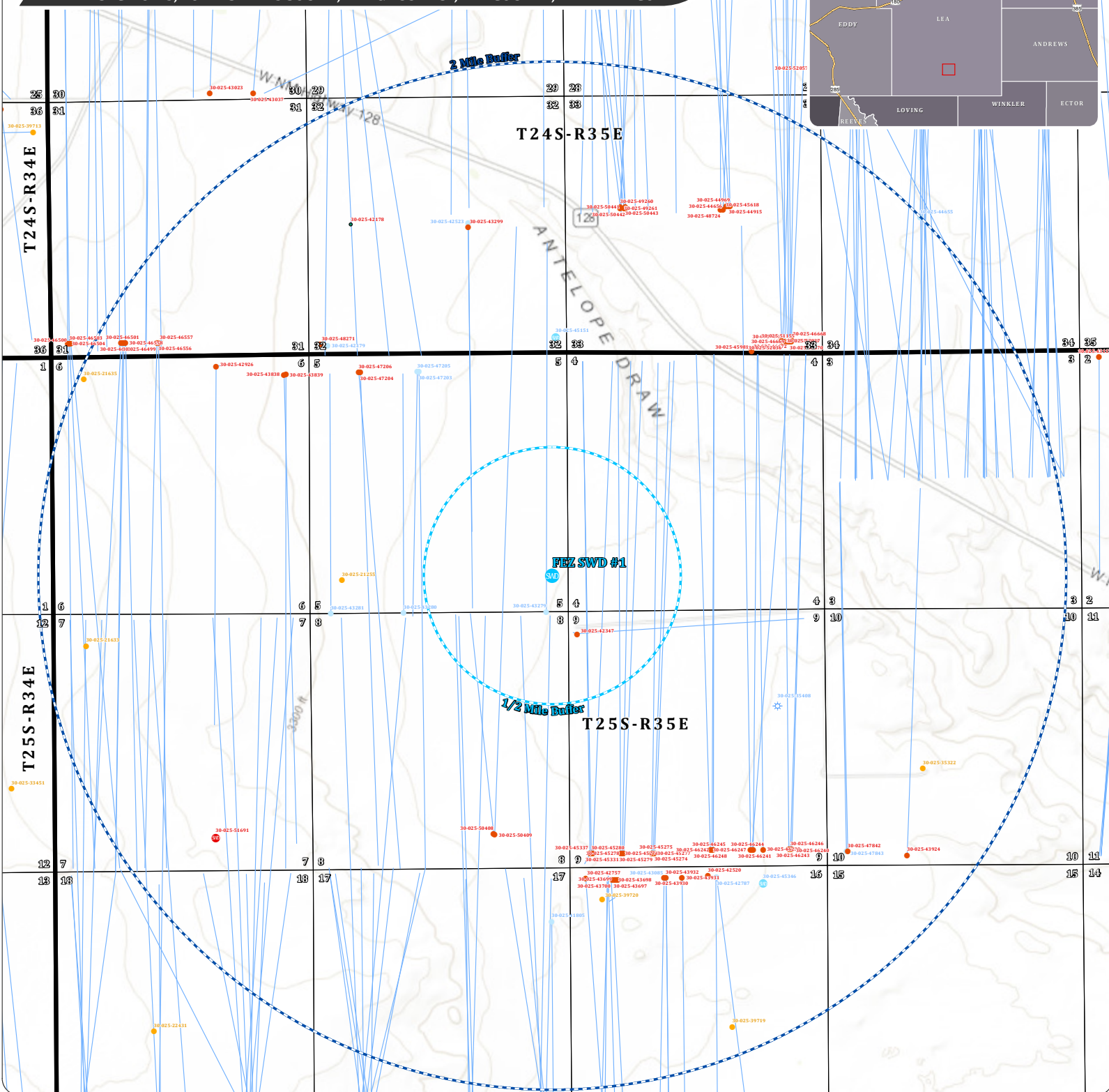
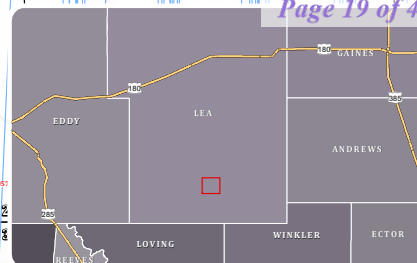
### *Features, Advantages and Benefits*

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



## **Attachment 2**

## SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO



**Proposed SWD**  
1/2 Well Buffer  
2 Mile Buffer

- Proposed SWD
- 1/2 Well Buffer
- 2 Mile Buffer
- Gas, Active
- Gas, Cancelled
- Gas, Plugged
- Gas, Temporary Abandonment
- Injection, Active
- Injection, Plugged
- Injection, Temporary Abandonment (expired)

- Oil, Active
- Oil, Cancelled
- Oil, Plugged
- Oil, Temporary Abandonment
- Zone Plugged (permanent)
- Salt Water Disposal, Active
- Salt Water Disposal, Cancelled
- Salt Water Disposal, Plugged
- Water, Active
- Water, Plugged

**OPERATOR:**  
**SOLARIS WATER MIDSTREAM, LLC.**



**ACE**   
Energy Advisors

Map Prepared By:

 **COOSA**  
CONSULTING

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



## 0.5-mile Well List (Top of Injection Interval: 5,390')

Well Name	API#	Well Type	Operator	Status	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
DEERSTALKER FEDERAL COM #001C	30-025-43279	Oil	COG OPERATING LLC	Cancelled	2/17/1966	A-08-25S-35E	0	No
FEZ FEE #011H*	30-025-42347	Oil	COG OPERATING LLC**	Active	1/17/2015	D-09-25S-35E	9,242	Yes

Notes:  
 - \* One well penetrates the injection interval within the AOR.  
 - \*\* Operator of active, drilled well within AOR and will receive notification of this application.

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

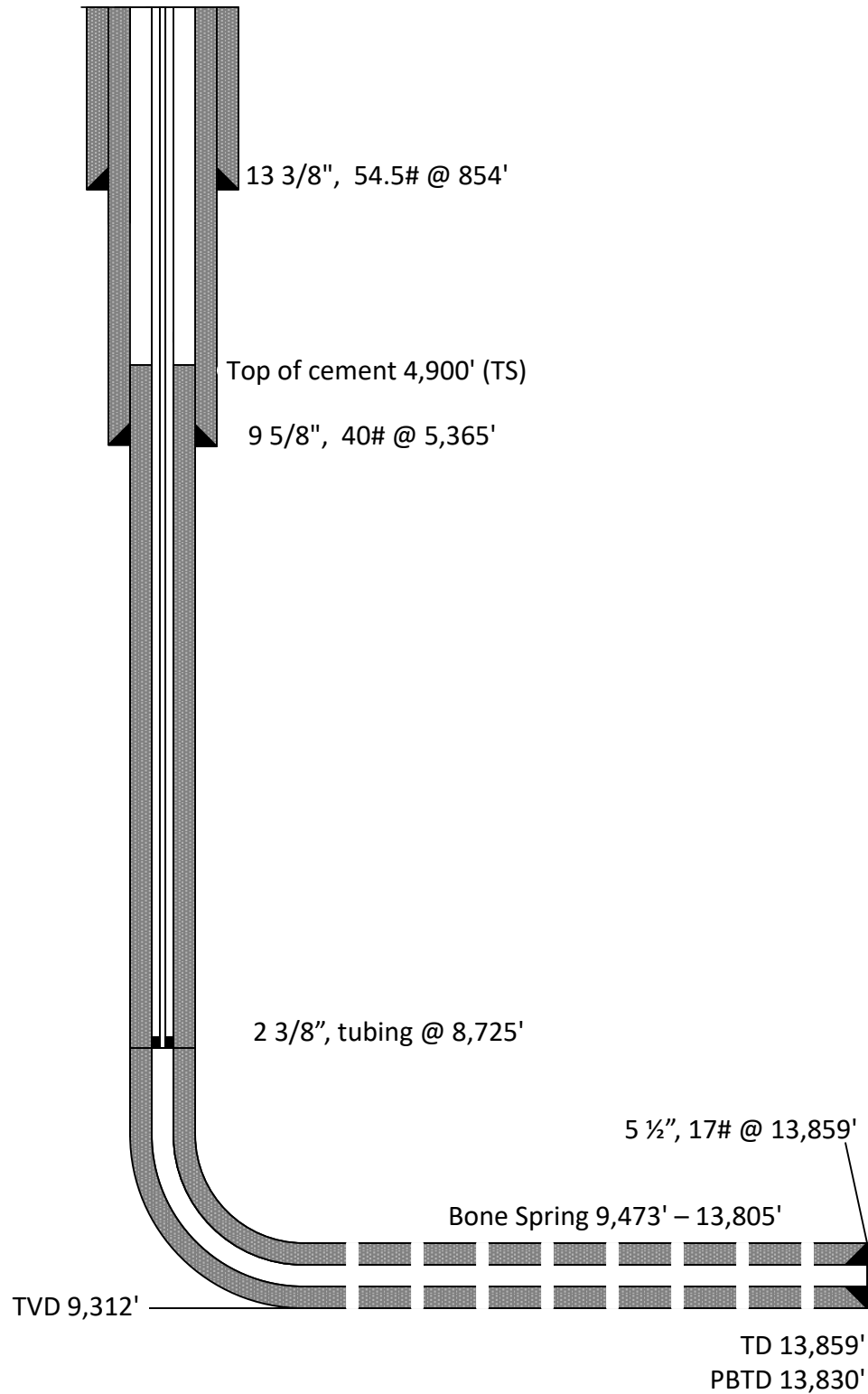
Well Name	API#	Well Type	xCompany	Field	Status	TVD
SKULL CAP FEDERAL COM - 002C	30-025-42523	OIL	COG OPERATING LLC	WC025 G09 S243532M, WOLFBONE WC-025 G-09 S253509D, UPR BONE SPRIN	CANCELLED	0
SKULL CAP FEDERAL COM - 022H	30-025-43299	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,606
DEERSTALKER FEDERAL COM - 701H	30-025-50409	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,625
FEZ FEDERAL COM - 705H	30-025-45337	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,592
FEZ FEDERAL COM - 604H	30-025-45331	Gas	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,337
FEZ FEDERAL COM - 603H	30-025-45276	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,312
FEZ FEDERAL COM - 704H	30-025-45280	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,492
FEZ FEDERAL COM - 702H	30-025-45278	Gas	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,302
FEZ FEDERAL COM - 703H	30-025-45279	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,536
FEZ FEDERAL COM - 602H	30-025-45275	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,462
FEZ FEDERAL COM - 701H	30-025-45277	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,518
FEZ FEDERAL COM - 601H	30-025-45274	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,313
DEERSTALKER FEDERAL COM - 601H	30-025-50408	OIL	COG OPERATING LLC**	WC025 G09 S243532M, WOLFBONE	ACTIVE	12,390
LESLIE FEDERAL COM - 114H	30-025-47102	OIL	MATADOR PRODUCTION COMPANY**	WC-025 G-08 S2535340, BONE SPRING	ACTIVE	10,416
LESLIE FEDERAL COM - 124H	30-025-47101	OIL	MATADOR PRODUCTION COMPANY**	WC-025 G-08 S2535340, BONE SPRING	ACTIVE	10,981
LESLIE FEDERAL COM - 123H	30-025-47100	OIL	MATADOR PRODUCTION COMPANY**	WC-025 G-08 S2535340, BONE SPRING	ACTIVE	11,020
LESLIE FEDERAL COM - 023H	30-025-47099	OIL	MATADOR PRODUCTION COMPANY	DOGIE DRAW, DELAWARE	EXPIRED PERMIT	0
LESLIE FEDERAL COM - 113H	30-025-46885	OIL	MATADOR PRODUCTION COMPANY**	WC-025 G-08 S2535340, BONE SPRING	ACTIVE	10,500

Notes:  
 - Sixteen (16) drilled, active horizontal wellbore intersect the AOR radius, but do not penetrate the injection interval within the AOR.  
 - \*\* Operator of active, drilled well within AOR and will receive notification of this application.

## Penetrating Well Casing and Cement Details

Well Name	API#	Type	Hole	Size	Depth	Sacks	TOC	Method
FEZ FEE #011H*	30-025-42347	Surface	17-1/2"	13-3/8"	854'	700	Surface	Circulated
		Intermediate	12-1/4"	9-5/8"	5,365'	1,940	Surface	Circulated
		Production	8-3/4"	5-1/2"	13,859'	1,910	3,740'	CBL

## 30-025-42347 Wellbore Diagram



<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011 Permit 201482																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NUMBER 30-025-42347																																																
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11. Elevation (Show whether DR, KB, BT, GR, etc.) 3257 GR																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____ SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																		
13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 1/18/15 TD 17 1/2" hole @ 854'. Set 13 3/8" 54.5# J-55 csg @ 854'. Cmt w/400 sx Class C. Tailed in w/300 sx. Circ 210 sx to surface. WOC 18 hrs. Test csg to 1000# for 30 mins. Good test. 1/23/15 TD 12 1/4" hole @ 5365'. Set 9 5/8" 40# L-80 csg @ 5365'. Cmt w/1740 sx Class C. Tailed in w/200 sx. Circ 55 sx to surface. WOC 18 hrs. Test csg to 1000# for 30 mins. Good test. 1/18/2015 Spudded well.																																																		
<b>Casing and Cement Program</b> <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Date</th><th>String</th><th>Fluid Type</th><th>Hole Size</th><th>Csg Size</th><th>Weight lb/ft</th><th>Grade</th><th>Est TOC</th><th>Dpth Set</th><th>Sacks</th><th>Yield</th><th>Class</th><th>1" Dpth</th><th>Pres Held</th><th>Pres Drop</th><th>Open Hole</th></tr></thead><tbody><tr><td>01/19/15</td><td>Surf</td><td></td><td>17.5</td><td>13.375</td><td>54.5</td><td>J55</td><td>0</td><td>854</td><td>700</td><td></td><td>C</td><td></td><td>1000</td><td>0</td><td></td></tr><tr><td>01/23/15</td><td>Int1</td><td></td><td>12.25</td><td>9.625</td><td>40</td><td>L80</td><td>0</td><td>5365</td><td>1940</td><td></td><td>C</td><td></td><td>1000</td><td>0</td><td></td></tr></tbody></table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	01/19/15	Surf		17.5	13.375	54.5	J55	0	854	700		C		1000	0		01/23/15	Int1		12.25	9.625	40	L80	0	5365	1940		C		1000	0	
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SIGNATURE Type or print name		Electronically Signed <u>Diane Kuykendall</u>	TITLE E-mail address	Regulatory Analyst <u>dkuykendall@conchoresources.com</u>		DATE Telephone No.	3/17/2015 _____																																											
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APPROVED BY:		<u>Paul Kautz</u>	TITLE	Geologist		DATE	3/18/2015 7:51:05 AM																																											

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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 2/3/15 TD 8 3/4" pilot hole @ 12640'. TIH & pump cmt plug w/225 sx. PUH to 9400' & pump cmt plug w/500 sx. WOC. TOC @ 8275'. Drill cmt to 8720' (KOP). 2/22/15 TD 8 3/4" lateral @ 13874'. Set 5 1/2" 17# P-110 csg @ 13859'. Cmt w/685 sx Class H. Tailed in w/1225 sx. DNC. WOC. Ran TS. TOC @ 4900'. 2/24/15 Rig released. 1/18/2015 Spudded well.																																																																		
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<b>For State Use Only:</b> APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>3/18/2015 10:33:28 AM</u>																																																																		

Submit 1 Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 Revised July 18, 2013

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-42347
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator COG Operating LLC		6. State Oil & Gas Lease No.
3. Address of Operator 2208 W. Main Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Fez Fee
4. Well Location Unit Letter <u>D</u> : <u>480</u> feet from the <u>North</u> line and <u>190</u> feet from the <u>West</u> line Section <u>9</u> Township <u>25S</u> Range <u>35E</u> NMPM Lea County		8. Well Number 11H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3257' GR		9. OGRID Number 229137
10. Pool name or Wildcat WC-025 G-09 S253509D; Bone Spring		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐  
 OTHER: Completion Operations ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/14/15 to 3/20/15 MIRU. Test to 9500# for 15 mins. Test 9 5/8" x 5 1/2" annulus to 1500# for 15 mins. Good test. Ran CBL. TOC @ 3740'. Drill out FC, FS & new formation to 13875'. Injection test.

3/26/15 to 4/3/15 Set CBP @ 13830'. Test to 5053#. Perforate Bone Spring 9473-13805' (1008). Acidz w/87780 gal 7 1/2% acid. Frac w/6887917# sand & 6940913 gal fluid.

4/28/15 to 5/2/15 Drilled out frac plugs. Circulate clean.

5/7/15 Set 2 7/8" 6.5# L-80 tbg @ 8725'. Place well on pump.

Spud Date:

1/18/15

Rig Release Date:

2/24/15

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

SIGNATURE Stormi Davis TITLE: Regulatory Analyst DATE: 5/29/15

Type or print name: Stormi Davis E-mail address: sdavis@concho.com PHONE: (575) 748-6946

For State Use Only

APPROVED BY: [Signature] TITLE: Petroleum Engineer DATE: 06/08/15

Conditions of Approval (if any):

JUN 08 2015

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>			<b>Form C-105</b> Revised August 1, 2011					
		1. WELL API NO.		30-025-42347						
		2. Type of Lease		<input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN						
		3. State Oil & Gas Lease No.								
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing:				5. Lease Name or Unit Agreement Name						
<input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only) <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)				Fez Fee <b>HOBBS OGD</b> 6. Well Number:    11H <b>JUN 02 2015</b>						
7. Type of Completion:										
<input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator				9. OGRID						
COG Operating LLC				229137 <b>RECEIVED</b>						
10. Address of Operator				11. Pool name or Wildcat						
2208 W. Main Street				WC-025 G-09 S253509D; Bone Spring						
Artesia, NM 88210										
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	9	25S	35E		480	North	190	West	Lea
BH:	A	9	25S	35E		376	North	340	East	Lea
13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released		16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)				
1/18/15	2/22/15	2/24/15		4/3/15		3257' GR				
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run				
13875'		13830'		Yes		Resistivity, CNL, Sonic, Laterolog				
22. Producing Interval(s), of this completion - Top, Bottom, Name										
9473-13805' Bone Spring										
<b>CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8"		54.5#		854'		17 1/2"		700 sx		0
9 5/8"		40#		5365'		12 1/4"		1940 sx		0
5 1/2"		17#		13859'		8 3/4"		1910 sx (TOC @ 3740')		0
<b>24. LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
					2 7/8"	8725'				
26. Perforation record (interval, size, and number)										
9473-13805' (1008)										
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.										
DEPTH INTERVAL					AMOUNT AND KIND MATERIAL USED					
9473-13805'					Acid w/87780 gal 7 1/2%; Frac w/6887917# sand & 6940913 gal fluid					
<b>28. PRODUCTION</b>										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
5/21/15		Pumping				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
5/28/15	24			499	400	1904				
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
210#	140#		499	400	1904					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By				
Flared						Tyler Deans				
31. List Attachments										
Surveys, Logs										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD 1927 1983				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature		Printed Name:		Title		Regulatory Analyst		Date: 5/29/15		
		Stormi Davis								
E-mail Address: sdavis@concho.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A "
T. Salt 1096'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5157'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. Rustler 741'	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Lamar 5290'	Base Greenhorn	T. Granite
T. Blinebry	T. Bell Canyon 5320'	T. Dakota	
T. Tubb	T. Cherry Canyon 6254'	T. Morrison	
T. Drinkard	T. Brushy Canyon 7806'	T. Todilto	
T. Abo	T. Bone Springs Lm 9038'	T. Entrada	
T. Wolfcamp 12358'	T. 1 <sup>st</sup> Bone Spring 10399'	T. Wingate	
T. Penn	T. 2 <sup>nd</sup> Bone Spring 10918'	T. Chinle	
T. Cisco (Bough C)	T. 3 <sup>rd</sup> Bone Spring 11991'	T. Permian	

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

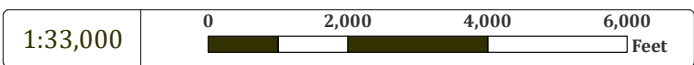
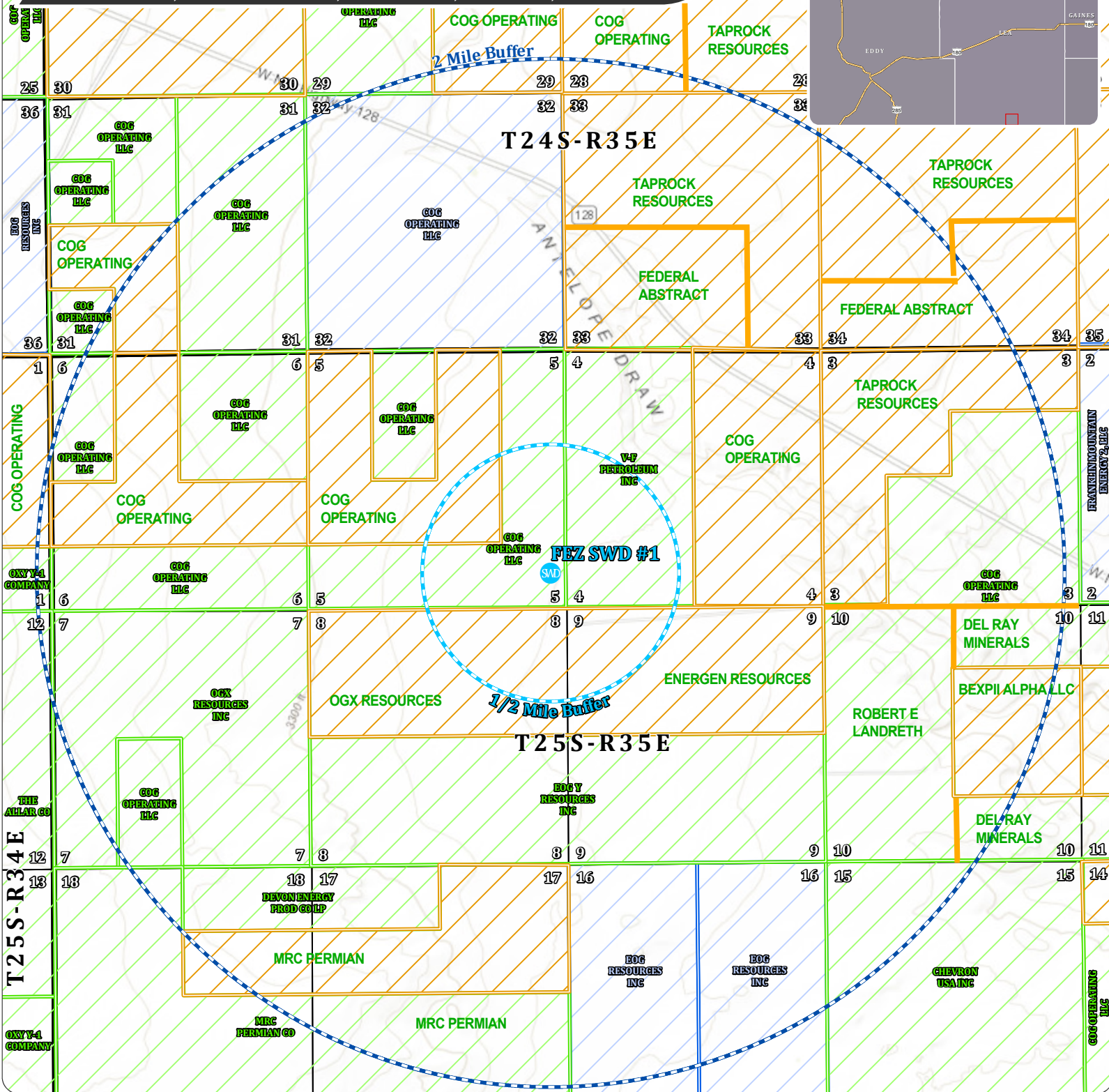
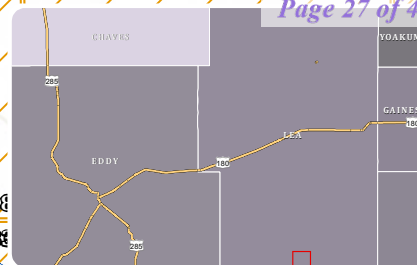
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 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

# LEASEHOLDER MAP

SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO



Project Managed By:

**ACE**  
Energy Advisors  
(918) 237-0559  
nate.allen@aceadvisors.com

Map Prepared By:

**COOSA**  
CONSULTING  
(432) 631-4738  
info@coosaconsulting.com

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

**Legend**

- Proposed SWD
- 1/2 Mile Buffer
- 2 Mile Buffer
- BLM Mineral Leases
- NMSLO Mineral
- Private Mineral

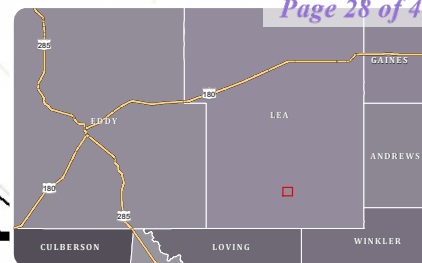
**FEZ SWD #1**

**OPERATOR:**  
**SOLARIS WATER MIDSTREAM, LLC.**

**SURFACE OWNERSHIP MAP**

SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO

T 25 S - R 35 E



31 32

32 33

6

5

5

4

6

5

5

4

7

8

8

9

4

3

9

10

T 25 S - R 35 E

FEZ SWD #1

SWD

3247 ft

1/2 Mile Buffer

1:18,000

0 1,000 2,000 3,000 Feet

**Legend**

SWD

Proposed SWD



1/2 Mile Buffer



Federal Land



State of NM Land

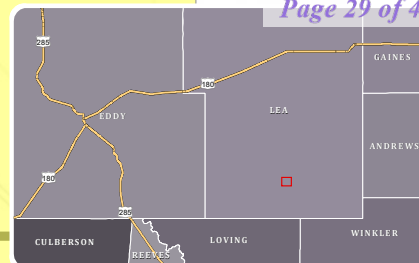


Private Land

**FEZ SWD #1****OPERATOR:**  
**SOLARIS WATER MIDSTREAM, LLC.**Project Managed By:  
**ACE**  
**Energy Advisors**  
(918) 237-0559  
nate.alleman@aceadvisors.comMap Prepared By:  
**COOSA**  
**CONSULTING**  
(432) 631-4738  
info@coosaconsulting.comCoordinate System:  
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet  
Projection: Transverse Mercator  
Datum: North American 1983  
False Easting: 541,337.5000  
False Northing: 0.0000  
Central Meridian: -104.3333  
Scale Factor: 0.9999  
Latitude Of Origin: 31.0000  
Units: Foot US

**MINERAL OWNERSHIP MAP**

SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO

**T24S-R35E**

31 32

32 33

6

5

5

4

W NM Highway 128

**FEZ SWD #1**

3247 ft

6 5

5 4

7 8

8 9

4 3

9 10

**T25S-R35E****1/2 Mile Buffer**

7 8

8 9

18 17

17 16

9 10

16 15

1:18,000

0 1,000 2,000 3,000 Feet

**Legend**

Proposed SWD



1/2 Mile Buffer



Subsurface minerals (NMSLO)



All minerals are owned by U.S. (BLM)



Private minerals

Project Managed By:

**ACE**  
**Energy Advisors**  
 (918) 237-0559  
 nate.alleman@aceadvisors.com

Map Prepared By:

  
**COOSA**  
 CONSULTING

 (432) 631-4738  
 info@coosaconsulting.com

Coordinate System:

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Projection: Transverse Mercator

Datum: North American 1983

False Easting: 541,337.5000

False Northing: 0.0000

Central Meridian: -104.3333

Scale Factor: 0.9999

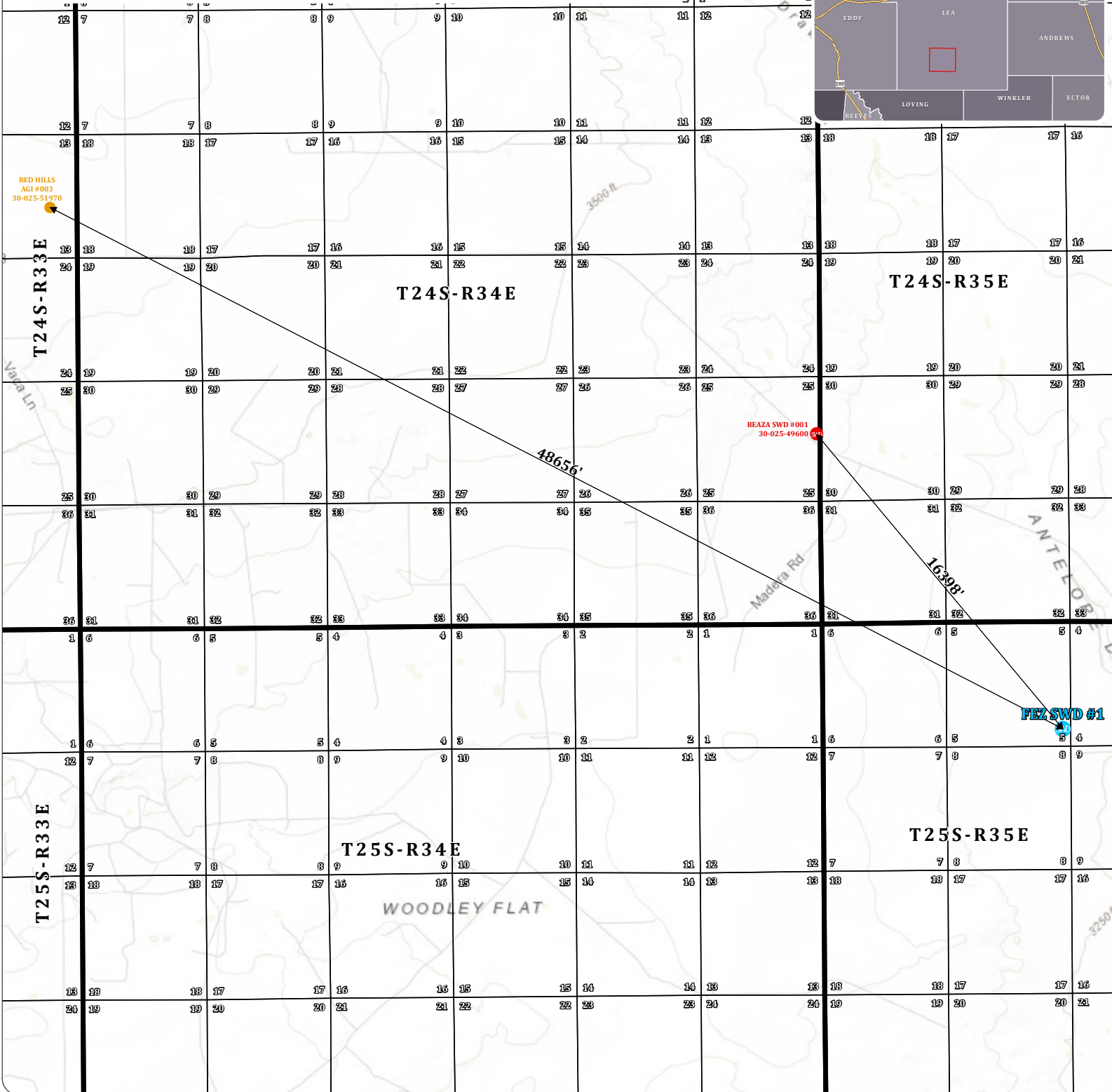
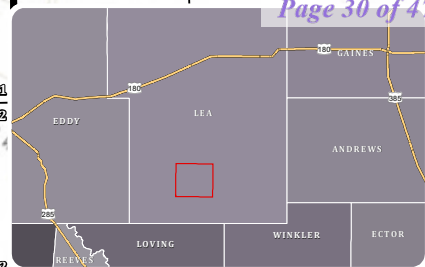
Latitude Of Origin: 31.0000

Units: Foot US

**FEZ SWD #1****OPERATOR:****SOLARIS WATER MIDSTREAM, LLC.**

**DMG SWD & AGI MAP**

SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO



1:69,000

0 4,000 8,000 12,000 Feet

**Legend**

Proposed SWD

DMG SWD

DMG AGI

Project Managed By:  
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 Energy Advisors  
 (918) 237-0559  
 nate.alleman@aceadvisors.com

Map Prepared By:  
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 CONSULTING  
 (432) 631-4738  
 info@coosaconsulting.com

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

**FEZ SWD #1**

**OPERATOR:**  
**SOLARIS WATER MIDSTREAM, LLC.**



### **Attachment 3**

Source Formation Water Analysis																								
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgs	Ftgw	County	State	Formation	Sampled	PH	TDS (Mg/L)	Sodium (Mg/L)	Calcium (MG/L)	Iron (MG/L)	Magnesium (MG/L)	Chloride (MG/L)	Bicarbonate (MG/L)	Sulfate (MG/L)		
BELL LAKE 19 STATE #002H	30-025-41515	32.1964722	-103.609108	19	24S	33E	O	200S	1920E	Lea	NM	BONE SPRING 2ND SAND	2015	6.2		47148	6419	15	854	86572	232	670		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.3		47537	6950	11	886	88389	171	650		
BELL LAKE 19 STATE #001H	30-025-41024	32.1964722	-103.6176224	19	24S	33E	M	200S	700W	Lea	NM	BONE SPRING 2ND SAND		7		60725	8703	52	1020	113193	145	700		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.3		76378	6238	11	834	131397	159	670		
BELL LAKE 19 STATE #003H	30-025-41516	32.1964722	-103.6089478	19	24S	33E	O	200S	1870E	Lea	NM	BONE SPRING 2ND SAND	2015	6.7		59599	7326	11	942	108190	171	680		
BELL LAKE 19 STATE #001H	30-025-41024	32.1964722	-103.6176224	19	24S	33E	M	200S	700W	Lea	NM	BONE SPRING 2ND SAND	2015	6.2		47047	11772	39	1452	98637	98	680		
BELL LAKE 19 STATE #002H	30-025-41515	32.1964722	-103.609108	19	24S	33E	O	200S	1920E	Lea	NM	BONE SPRING 2ND SAND	2015	6.3		46235	9427	14	1212	92405	207	740		
BELL LAKE 19 STATE #003H	30-025-41516	32.1964722	-103.6089478	19	24S	33E	O	200S	1870E	Lea	NM	BONE SPRING 2ND SAND	2015	6.3		44784	10098	21	1248	91618	146	690		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.3		55502	11149	25	1361	110592	146	630		
BELL LAKE 19 STATE #001H	30-025-41024	32.1964722	-103.6176224	19	24S	33E	M	200S	700W	Lea	NM	BONE SPRING 2ND SAND	2014	6.5	157801	53081	7589	36	882	93442	122	903		
BELL LAKE 19 STATE #002H	30-025-41515	32.1964722	-103.609108	19	24S	33E	O	200S	1920E	Lea	NM	BONE SPRING 2ND SAND	2015	6.4		44270	6421	18	730	81981	73	580		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.2		43120	4938	26	585	77034	134	760		
BELL LAKE 19 STATE #001H	30-025-41024	32.1964722	-103.6176224	19	24S	33E	M	200S	700W	Lea	NM	BONE SPRING 2ND SAND	2015	6.7		47763	10366	59	1527	96000	159	638		
BELL LAKE 19 STATE #002H	30-025-41515	32.1964722	-103.609108	19	24S	33E	O	200S	1920E	Lea	NM	BONE SPRING 2ND SAND	2015	6.8		47629	8214	18	1182	91000	220	550		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.7		41736	10300	79	1689	87000	220	658		
BELL LAKE 19 STATE #003H	30-025-41516	32.1964722	-103.6089478	19	24S	33E	O	200S	1870E	Lea	NM	BONE SPRING 2ND SAND	2015	6.7		45768	8523	25	1237	89000	195	349		
BELL LAKE 19 STATE #001H	30-025-41024	32.1964722	-103.6176224	19	24S	33E	M	200S	700W	Lea	NM	BONE SPRING 2ND SAND	2015	6.77	134649.2	44573	6215	38	759	81682	244	765		
BELL LAKE 19 STATE #002H	30-025-41515	32.1964722	-103.609108	19	24S	33E	O	200S	1920E	Lea	NM	BONE SPRING 2ND SAND	2015	7.01	128413.3	44428	4207	42	706	77483	366	910		
BELL LAKE 19 STATE #003H	30-025-41516	32.1964722	-103.6089478	19	24S	33E	O	200S	1870E	Lea	NM	BONE SPRING 2ND SAND	2015	6.67	138617.2	46648	5778	41	732	84081	244	710		
BELL LAKE 19 STATE #004H	30-025-41517	32.1964722	-103.6087875	19	24S	33E	O	200S	1820E	Lea	NM	BONE SPRING 2ND SAND	2015	6.68	133460.5	44483	5917	31	718	80982	244	675		
SALADO DRAW 6 FEDERAL #001H	30-025-41293	32.0657196	-103.5146942	06	26S	34E	M	200S	875W	Lea	NM	BONE SPRING 3RD SAND	2014	6.6	99401.9	34493	3295	0	397	59987	110	710		
SALADO DRAW 6 FEDERAL #001H	30-025-41293	32.0657196	-103.5146942	06	26S	34E	M	200S	875W	Lea	NM	BONE SPRING 3RD SAND	2014	6.5	99612.7	34587	3244	10	418	59987	159	820		
SALADO DRAW 6 FEDERAL #001H	30-025-41293	32.0657196	-103.5146942	06	26S	34E	M	200S	875W	Lea	NM	BONE SPRING 3RD SAND	2014	6.7	95604	31066	3196	10	394	59071	183	0		
SALADO DRAW 6 FEDERAL #001H	30-025-41293	32.0657196	-103.5146942	06	26S	34E	M	200S	875W	Lea	NM	BONE SPRING 3RD SAND	2014	7			3289	0	475		220			
SALADO DRAW 6 FEDERAL #001H	30-025-41293	32.0657196	-103.5146942	06	26S	34E	M	200S	875W	Lea	NM	BONE SPRING 3RD SAND	2014	7	98321.4	33892	3267	10	535	59387	220	635		
SNAPPING 2 STATE #014H	3001542688	32.0655599	-103.7413815	02	26S	31E	P	250S	330E	EDDY	NM	WOLFCAMP	2015	7.3	81366	26319	2687	26	327	50281		400		
BELLOQ 2 STATE #002H	3001542895	32.3400704	-103.7515914	02	23S	31E	C	200N	1720W	EDDY	NM	WOLFCAMP	2015	6.8	119472	37359	5659	22	746	73173		1036		
SINCLAIR STATE #002	3002503123	32.7386246	-103.4561005	21	18S	35E	A	660N	660E	LEA	NM	WOLFCAMP	1960	7.1	60950					33568	1087	3049		
MAHUN STATE #001	3001520138	32.3933983	-104.7103424	16	22S	22E	F	1800N	1980W	EDDY	NM	WOLFCAMP	1968	8.6	35495					19000	830	2500		
MAHUN STATE #001	3001520138	32.3933983	-104.7103424	16	22S	22E	F	1800N	1980W	EDDY	NM	WOLFCAMP	1968	8	4568					426	695	2100		

## **Attachment 4**

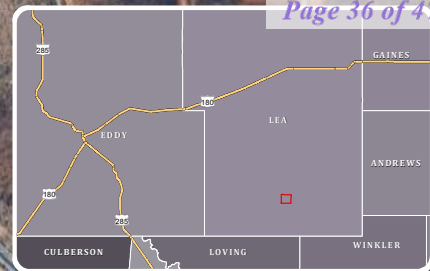
Injection Formation Water Analysis																		
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgns	Ftgw	County	State	Formation	Sampled	PH	TDS (Mg/L)	Chloride (MG/L)	Bicarbonate (MG/L)	Sulfate (MG/L)
BELL LAKE UNIT A #007	30-025-08367	32.252037	-103.5196075	01	24S	33E	A	660N	660E	LEA	NM	DELAWARE			87686	53920	391	749
NORTH EL MAR UNIT #017	30-025-08430	32.0166054	-103.617691	30	26S	33E	E	1880N	660W	LEA	NM	DELAWARE			254756	159400	80	210
NORTH EL MAR UNIT #057	30-025-08440	32.0019455	-103.6131134	31	26S	33E	F	1935N	2090W	LEA	NM	DELAWARE			259554	163000	61	253
GOEDEKE #002	30-025-08407	32.0597992	-103.5579987	10	26S	33E	G	1980N	1980E	LEA	NM	DELAWARE			293925	184000	85	210
NORTH EL MAR UNIT #017	30-025-08430	32.0166054	-103.617691	30	26S	33E	E	1880N	660W	LEA	NM	DELAWARE			254756	159400	80	210
NORTH EL MAR UNIT #057	30-025-08440	32.0019455	-103.6131134	31	26S	33E	F	1935N	2090W	LEA	NM	DELAWARE			259554	163000	61	253
GOEDEKE #002	30-025-08407	32.0597992	-103.5579987	10	26S	33E	G	1980N	1980E	LEA	NM	DELAWARE			293925	184000	85	210
NORTH EL MAR UNIT #022	30-025-08278	32.0116615	-103.6262207	25	26S	32E	J	1980S	1980E	LEA	NM	DELAWARE			244815	153500	88	220
NORTH EL MAR UNIT #032	30-025-08291	32.0080185	-103.6434479	26	26S	32E	O	660S	1980E	LEA	NM	DELAWARE			254895			
NORTH EL MAR UNIT #028	30-025-08296	32.0116539	-103.6521072	26	26S	32E	L	1980S	660W	LEA	NM	DELAWARE			249479	156000	976	373
NORTH EL MAR UNIT #045	30-025-08308	32.0043869	-103.6381302	35	26S	32E	A	660N	330E	LEA	NM	DELAWARE			255115	160000	85	310
MARSHALL #001	30-025-08358	32.284832	-103.6176224	19	23S	33E	M	660S	660W	LEA	NM	DELAWARE			238931	148600	127	156
BELL LAKE UNIT #002	30-025-08489	32.2701836	-103.5112457	30	23S	34E	N	660S	3300E	LEA	NM	DELAWARE			52115	32200	451	529
ICHABOD 7 FEDERAL #004H	30-025-40574	32.0509529	-103.5018997	07	26S	34E	P	108S	455E	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6.3	232755	140558	244	0
RATTLESNAKE 13 FEDERAL #002H	30-025-41247	32.050499	-103.4204483	13	26S	34E	B	25N	1650E	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6	227045	143469	122	0
RAGIN CAJUN 13 FEDERAL #001H	30-025-41259	32.0369835	-103.4278412	13	26S	34E	N	330S	1345W	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6.7	165213	105060	244	18
RAGIN CAJUN 13 FEDERAL #002H	30-025-41273	32.0369835	-103.428009	13	26S	34E	M	330S	1295W	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6.4	174604	109315	232	18
RAGIN CAJUN 12 FEDERAL #002H	30-025-42256	32.05060893	-103.4284847	12	26S	34E	M	10S	1135W	Lea	NM	DELAWARE-BRUSHY CANYON	2014	5.9	234275	147046	244	36
RATTLESNAKE 13 12 FEDERAL COM #001H	30-025-40912	32.0369568	-103.416214	13	26S	34E	P	330S	330E	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6.2	243517	149966	49	560
RAGIN CAJUN 12 FEDERAL #001H	30-025-41188	32.0505981	-103.4205627	12	26S	34E	O	10S	1685E	Lea	NM	DELAWARE-BRUSHY CANYON	2014	5.8	234081	143968	61	560
RAGIN CAJUN 13 FEDERAL #001H	30-025-41259	32.0369835	-103.4278412	13	26S	34E	N	330S	1345W	Lea	NM	DELAWARE-BRUSHY CANYON	2014	6.2	194590	119973	49	710

## **Attachment 5**

# WATER WELL MAP

SECTION 5, TOWNSHIP 25 SOUTH, RANGE 35 EAST, LEA COUNTY, NEW MEXICO









T24S-R35E



1:18,000



## Legend

-  Proposed SWD
-  1 Mile Buffer
- NMOSE Points of Diversion**
-  Active
-  Pending
-  Changed Location of Well
-  Inactive
-  Capped
-  Plugged
-  Unknown

## FEZ SWD #1

**OPERATOR:**  
**SOLARIS WATER MIDSTREAM, LLC.**



Project Managed By:  
**ACE**  
Energy Advisors  
(918) 237-0559  
nate.alleman@aceadvisors.com

Map Prepared By:  
**COOSA**  
CONSULTING  
(432) 631-4738  
info@coosaconsulting.com

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



Water Well Sampling Table							
Water Well ID	OSE Status	Owner	Available Contact Information	Use	Latitude	Longitude	Notes
C 02388	Declaration	Quail Ranch, LLC	Dylan Van Brunt, One Concho Center 600 W Illinois Ave Midland, TX 79701	Livestock watering	32.155770	-103.393787	Potential sampling candidate.
C 04020 POD2	Pending	Bert Madera	PO Box 2795, Ruidoso, NM 88345	Exploration	32.151027	-103.382528	Not considered sampling candidate based on use.
C 04020 POD3	Pending	Bert Madera	PO Box 2795, Ruidoso, NM 88345	Exploration	32.149722	-103.382611	Not considered sampling candidate based on use.
C 04020 POD4	Pending	Bert Madera	PO Box 2795, Ruidoso, NM 88345	Exploration	32.140806	-103.383056	Not considered sampling candidate based on use.
Note: We are currently attempting to contact owners of water well sampling candidates to collect samples and the analyses of any collected samples will be submitted to OCD upon receipt from the lab.							

## **Attachment 6**



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

**Re: Geology Statement**  
**Solaris Water Midstream, LLC**  
**Fez SWD #1**  
**Section 5, T. 25S, R. 35E**  
**Lea County, New Mexico**

To whom it may concern:

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

Sincerely,

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

Patrick Ryan  
Sr. Geologist

## **Attachment 7**

Solaris Water Midstream, LLC, 907 Tradewinds Blvd, Midland, TX 79706, (OGRID# 331374), is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for commercial saltwater injection into its Fez SWD #1. This will be a new well located 718' FSL & 307' FEL in Section 5 Township 25S Range 35E in Lea County, NM, which is approximately 11.4 miles west of Jal, NM. The purpose of the well is to inject produced water from permitted oil and gas wells in the area for commercial disposal into the Bell Canyon & Cherry Canyon formations at depths of 5,390' – 7,770' at a maximum surface injection pressure of 1,078 psi and a maximum injection rate of 25,000 barrels of water per day.

Objections or requests for hearing must be filed with the New Mexico Oil Conservation Division within fifteen (15) days. Any objection or request for hearing should be mailed to the Oil Conservation Division, 1220 South St. Francis Dr. Additional information may be obtained by contacting the operator contact, Nate Alleman, at (918) 237-0559 or [info@aceadvisors.com](mailto:info@aceadvisors.com).

**Affidavit of Publication**

STATE OF NEW MEXICO  
COUNTY OF LEA

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

Beginning with the issue dated  
November 21, 2024  
and ending with the issue dated  
November 21, 2024.



Publisher

Sworn and subscribed to before me this  
21st day of November 2024.



Business Manager

My commission expires  
January 29, 2027



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

LEGAL

LEGAL

**LEGAL NOTICE**  
November 21, 2024

Solaris Water Midstream, LLC, 907 Tradewinds Blvd, Midland, TX 79706, (OGRID# 331374), is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for commercial saltwater injection into its Fez SWD #1. This will be a new well located 718' FSL & 307' FEL in Section 5 Township 25S Range 35E in Lea County, NM, which is approximately 11.4 miles west of Jal, NM. The purpose of the well is to inject produced water from permitted oil and gas wells in the area for commercial disposal into the Bell Canyon & Cherry Canyon formations at depths of 5,390' - 7,770' at a maximum surface injection pressure of 1,078 psi and a maximum injection rate of 25,000 barrels of water per day.

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#00296212

67117907

00296212

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

### Statement of Affected Person Notification

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

Entity Name	Entity Address	Mailing Date
<b>Site Surface Owner</b>		
Quail Ranch, LLC	600 W. Illinois Avenue Midland, TX 79701	11/27/2024
<b>Applicable Mineral Owners</b>		
Bureau of Land Management	Oil and Gas Division 620 E Greene St. Carlsbad, NM 88220	11/27/2024
<b>OCD District Office</b>		
OCD - District 1	1625 N. French Drive Hobbs, NM 88240	11/27/2024
<b>Leaseholders within 1-Mile AOR</b>		
COG Operating, LLC	600 W Illinois Ave Midland, TX 79701	11/27/2024
V-F Petroleum, Inc	P.O. Box 1889 Midland, TX 79702	11/27/2024
Energen Resources	3510 North A Street Bldg. A&B Midland, TX 79705	11/27/2024
OGX Resources	P.O. Box 11148 Midland, TX 79702	11/27/2024
<b>Well Operators within AOR</b>		
COG Operating, LLC	600 W Illinois Ave Midland, TX 79701	11/27/2024
Matador Production Company	5400 LBJ Freeway, Ste 1500 Dallas, TX 75240	11/27/2024

Nathan Alleman  
Ace Energy Advisors  
501 Se Fph Blvd Ste 201  
BARTLESVILLE OK 74003-3931



Place label at top of the center of the envelope and fold at dotted line.

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Quail Ranch, LLC  
600 W Illinois Ave  
Midland TX 79701-4882

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OCD - DISTRICT 1  
1625 N French Dr  
Hobbs NM 88240-9273

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

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COG Operating, LLC  
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Midland TX 79701-4882

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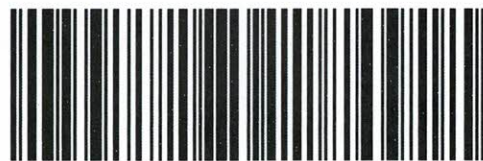
V-F Petroleum  
PO Box 1889  
Midland TX 79702-1889

Nathan Alleman  
Ace Energy Advisors  
501 Se Fph Blvd Ste 201  
BARTLESVILLE OK 74003-3931



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Energen Resources  
3510 N A St  
Midland TX 79705-5426

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Ace Energy Advisors  
501 Se Fph Blvd Ste 201  
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OGX Resources  
PO Box 11148  
Midland TX 79702-8148

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Ace Energy Advisors  
501 Se Fph Blvd Ste 201  
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COG Operating, LLC  
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Midland TX 79701-4882

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Ace Energy Advisors  
501 Se Fph Blvd Ste 201  
BARTLESVILLE OK 74003-3931

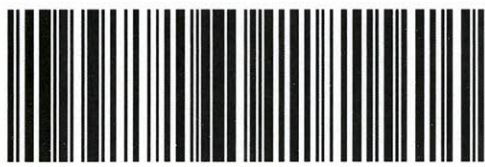
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Matador Production Company  
5400 Lyndon B Johnson Fwy Ste 1500  
Dallas TX 75240-1017

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

General Information  
Phone: (505) 629-6116

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

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 408786

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 408786
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	12/29/2024