

AE Order Number Banner

Application Number: pEG2519755380

Initial Application Part I

SWD-2660

SOLARIS WATER MIDSTREAM, LLC [371643]

Received: 7/01/25

Revised March 23, 2017

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

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: Solaris Water Midstream, LLC **OGRID Number:** 371643
Well Name: Gene SWD #1 **API:** 30-015-TBD
Pool: SWD; Bell Canyon-Cherry Canyon **Pool Code:** 96802

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.

Ben Stone

Print or Type Name

Signature

7/01/2025

Date

903-967-5950

Phone Number

ben@sosconsulting.us

e-mail Address



July 1, 2025

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

Attn: Mr. Gerry Razatos, Acting Director

Re: Application of Solaris Water Midstream, LLC to permit for salt water disposal its Gene SWD #1, (API 30-025-TBD) located in Section 13, Township 24 South, Range 26 East, NMPM, Eddy County, New Mexico.

Dear Mr. Razatos,

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 April 24, 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", is written over a light blue horizontal line.

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 2 wells 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. **NO P&A (of 2 total) wells penetrate.**
- 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 is 1 P&A'd water well within one mile of the proposed salt water disposal well per OSE data.**
- 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 7 offset lessees and/or operators within ONE mile Including Federal minerals - all have been noticed. Location is FEE (Split Estate).**
- 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: **7/01/2025**

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.

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 Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically 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 30-015-TBD	Pool Code 96802	Pool Name SWD; BELL CANYON-CHERRY CANYON
Property Code TBD	Property Name GENE SWD	Well Number #1
OGRID No. 371643	Operator Name SOLARIS WATER MIDSTREAM, LLC.	Ground Level Elevation 3220'
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 I	Section 13	Township 24-S	Range 26-E	Lot	Ft. from N/S 1,603 FSL	Ft. from E/W 534 FEL	Latitude 32.21433888 °N	Longitude 104.23971829 °W	County EDDY
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Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <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.

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

29786

Date of Survey

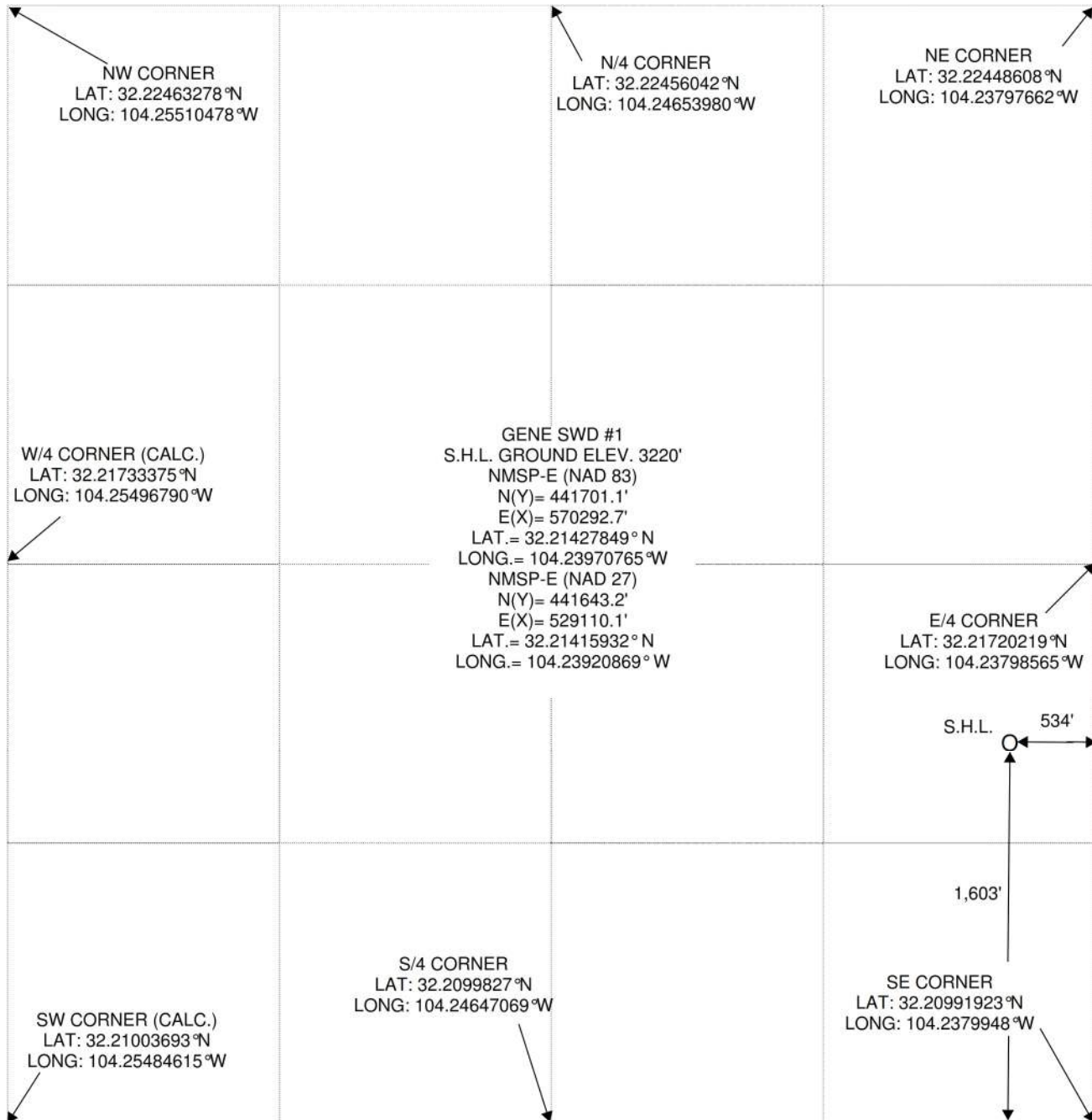
3-17-2025

 REV. 1
 6-24-25

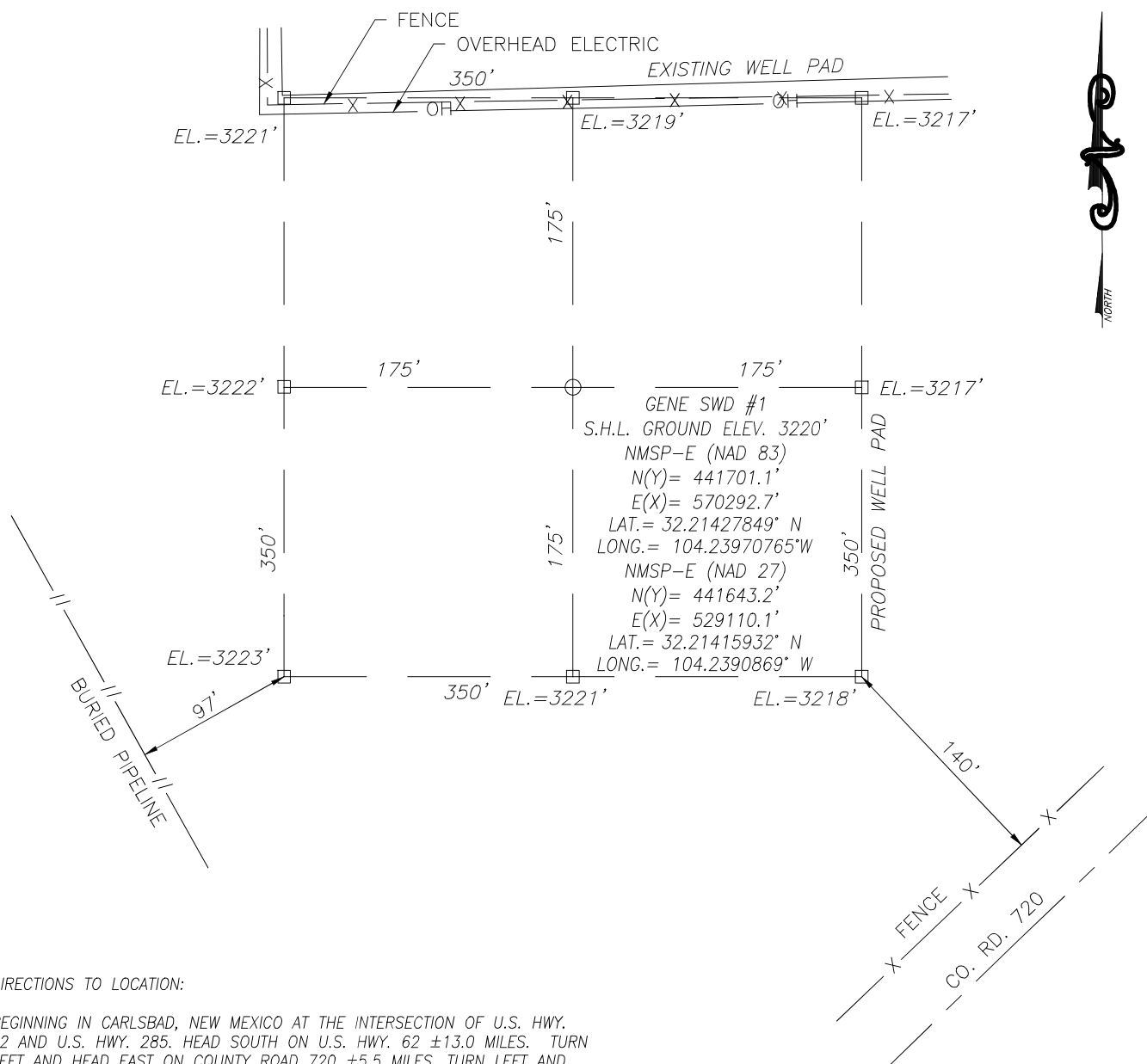
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



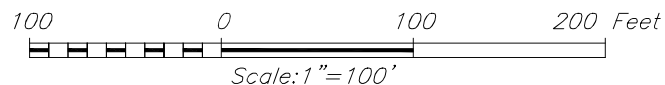
SECTION 13, TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN CARLSBAD, NEW MEXICO AT THE INTERSECTION OF U.S. HWY. 62 AND U.S. HWY. 285. HEAD SOUTH ON U.S. HWY. 62 ±13.0 MILES. TURN LEFT AND HEAD EAST ON COUNTY ROAD 720 ±5.5 MILES. TURN LEFT AND HEAD NORTH ON ACCESS ROAD ±120 FEET. THE WELL STAKED LOCATION FLAG IS WEST ±450 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.

GENE SWD #1
LOCATED 1,603 FEET FROM THE SOUTH LINE
AND 534 FEET FROM THE EAST LINE OF SECTION 13,
TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

SURVEY DATE: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
FILE: GENE SWD #1	

VICINITY MAP



SEC. 13 TWP. 24-S RGE. 26-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1,603' F.S.L. & 534' F.E.L.
 N.A.V.D. 88 ELEVATION 3220'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE GENE SWD #1
 U.S.G.S. TOPOGRAPHIC MAP
EDDY, N.M.

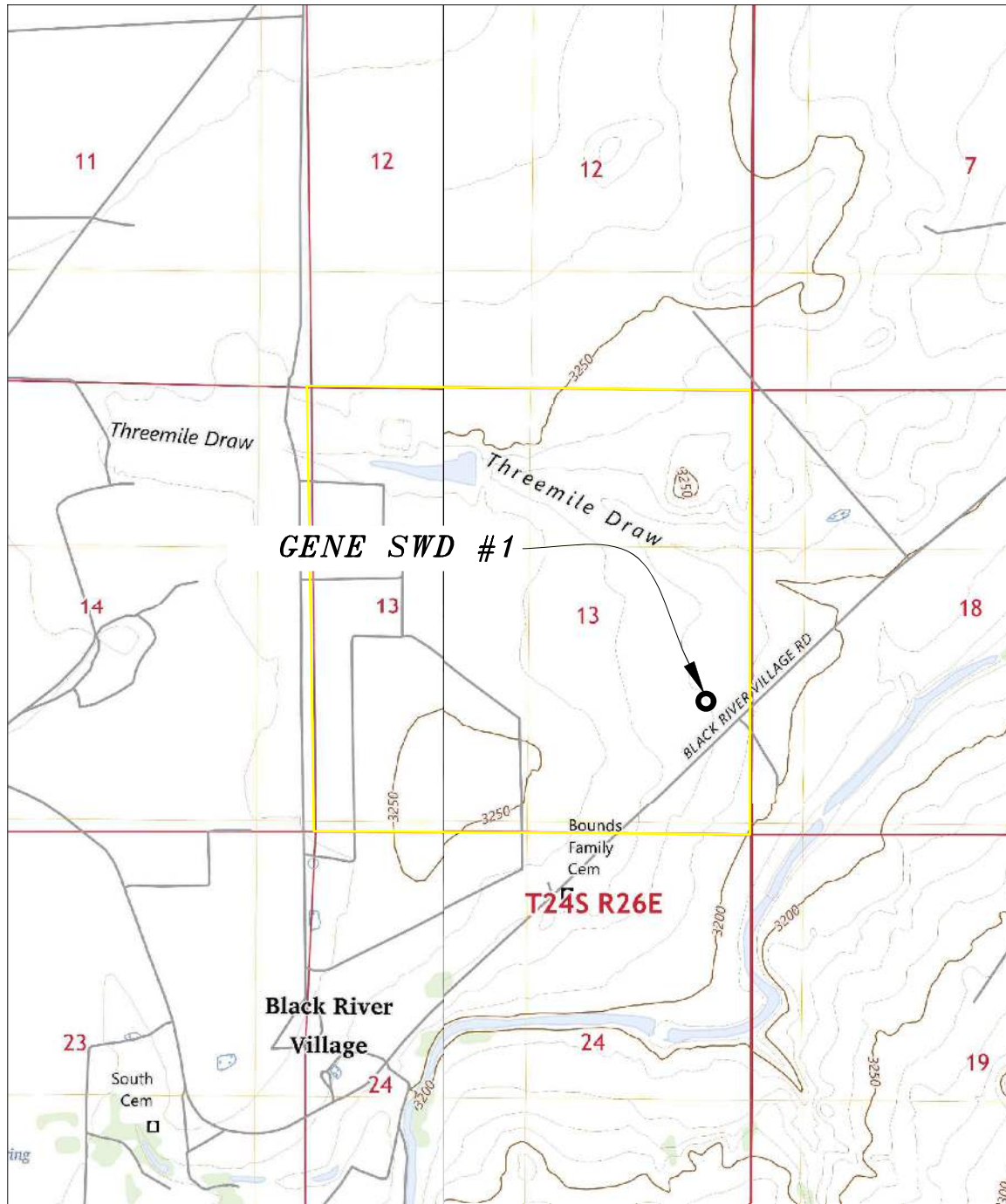
SCALE: 1" = 2000'

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

SOLARIS WATER MIDSTREAM, LLC.

SURVEY DATE: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
	FILE: GENE SWD#1

LOCATION VERIFICATION MAP



CONTOUR INTERVAL: 10'

SEC. 13 TWP. 24-S RGE. 26-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1,603' F.S.L. & 534' F.E.L.
 N.A.V.D. 88 ELEVATION 3220'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE GENE 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: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
	FILE: GENE SWD#1

C-108 - Items III, IV, V

Item III - Subject Well Data

(New Drill)

Wellbore Diagram – PROPOSED

Item IV – Tabulation of AOR Wells

2 Wells Penetrate the Proposed Injection Interval, No (1) P&A

<i>Well</i>	<i>Status</i>	<i>Completion</i>
Solaris Water Midstream Hood SWD #1 - 30-015-44851	Active	Devonian SWD; 13.375" @ 515 w/ 450 sx, 9.625" @ 9038' w/ 1980 sx; Circ.
Pre-Ongard Operator C.A. Martin #1	P&A-R	DA in October 1951; Dry hole to 2100'. Filled w/ cement & mud. <i>P&A Diagram follows section...</i>

Item V – Area of Review Maps

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

2. One-Half Mile AOR Map

P&A Schematic 30-015-00404

All Above Exhibits follow this page...



WELL SCHEMATIC - PROPOSED Gene SWD #1

API 30-015-xxxx

1603' FSL & 534' FEL, SEC. 13-24S-R26E
EDDY COUNTY, NEW MEXICO

SWD; Bell Canyon-Cherry Canyon (96802)

Spud Date: ~9/15/2025

Config SWD Dt: ~10/01/2025

Injection Pressure Regulated
and Volumes Reported
410 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: 3220'

575'

Annulus Loaded
w/ Inert Packer Fluid

OFFSET LOG STRIP

B/SLT: 1880'

LMR: 2000'

BELL CN: 2050'

CHRY CN: 2675'

BRSHY CN: 4135'

2000'

GROSS
INJECTION
INTERVAL
(2054'-3767')

5.5" IC Tubing (or smaller)

PKR ~1954'+

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

Intermediate Casing

9.625", 36.0# J-55 Csg. (12.25" Hole) @ 2000'
475 sx - Circulated to Surface

DMG Perfs - 2054'-3767'

Bell Canyon & 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.

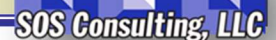
4,000'

DTD @ 4000'

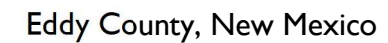
Drawn by: Ben Stone, 4/20/2025



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



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



PLUGGED WELL SCHEMATIC

C.A Martin #1

API 30-015-00404

330' FNL & 2310' FEL, SEC. 24-T24S-R26E
LEA COUNTY, NEW MEXICO

Spud Date: 8/20/1951

P&A Date: 10/01/1951

WELL PLUGGED BY:
MARTIN, CRAWFORD AND SPURLIN

<PLUGGING ITEMS LISTED LEFT>

PLUGS:

Will w/ Mud
Dump 15 sx
150'-130'

P&A Marker

CHF 3239'

150'

Dump 10 sx
1030'-1000'

Formation Fluids

Dump 10 sx
1675'-1642'Dump 16 sx
2100'-1972'

DTD @2100'

<PRE-P&A EXISTING ITEMS LISTED RIGHT>

Surface Casing

10.75", 32.5# csg. (9.875") @ 451'
Not Cemented - Fill w/ Mud at PA

<P&A SUBSEQUENT SUNDRY>

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting or results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PILLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL	<input checked="" type="checkbox"/>		

October 1, 1951 Date Carlsbad, New Mexico Place

Following is a report on the work done and the results obtained under the heading noted above at the

C. A. Martin Crawford and Spurlin Company or Operator Well No. 1 in the
N W 1/4 - N E 1/4 of Sec. 24, T. 24, R. 26, N. M. P. M.
Wildcat Pool Eddy County.

The dates of this work were as follows: September 22 & 23

Notice of intention to do the work was (was not) submitted on Form C-102 on _____, 19____,
and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Dumped 16 sacks of cement on bottom 5" hole 2100'-1972'
Dumped 10 sacks of cement 6" hole 1675'-1642'
" " " " 8" hole 1030'-1000'
" " " " 10" hole 160'-130'

Tested bottom plug with bailer. Hole dry. Filled between plugs
with mud.

Witnessed by: C. Spurlin Spurlin + Crawford

APPROVED: OIL CONSERVATION COMMISSION

Name: R. A. Hanson

Title: Secretary

Date: MAR 10 1952

19.

I hereby swear or affirm that the information given above is true and correct.

Name: C. A. Martin

Position: Owner

Representing: 1613 W. Roseman, Midland, Tex

Address: 1613 W. Roseman, Midland, Tex

Production Casing

NONE SET

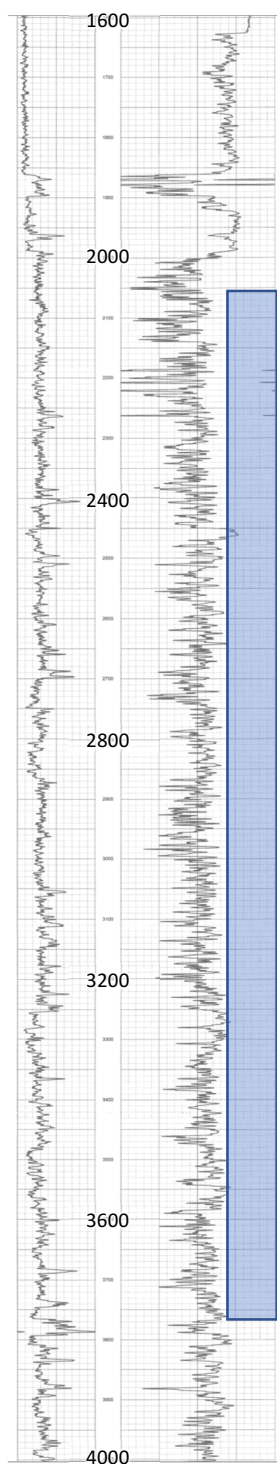
Drawn by: Ben Stone, 4/20/2025

SOS Consulting, LLC

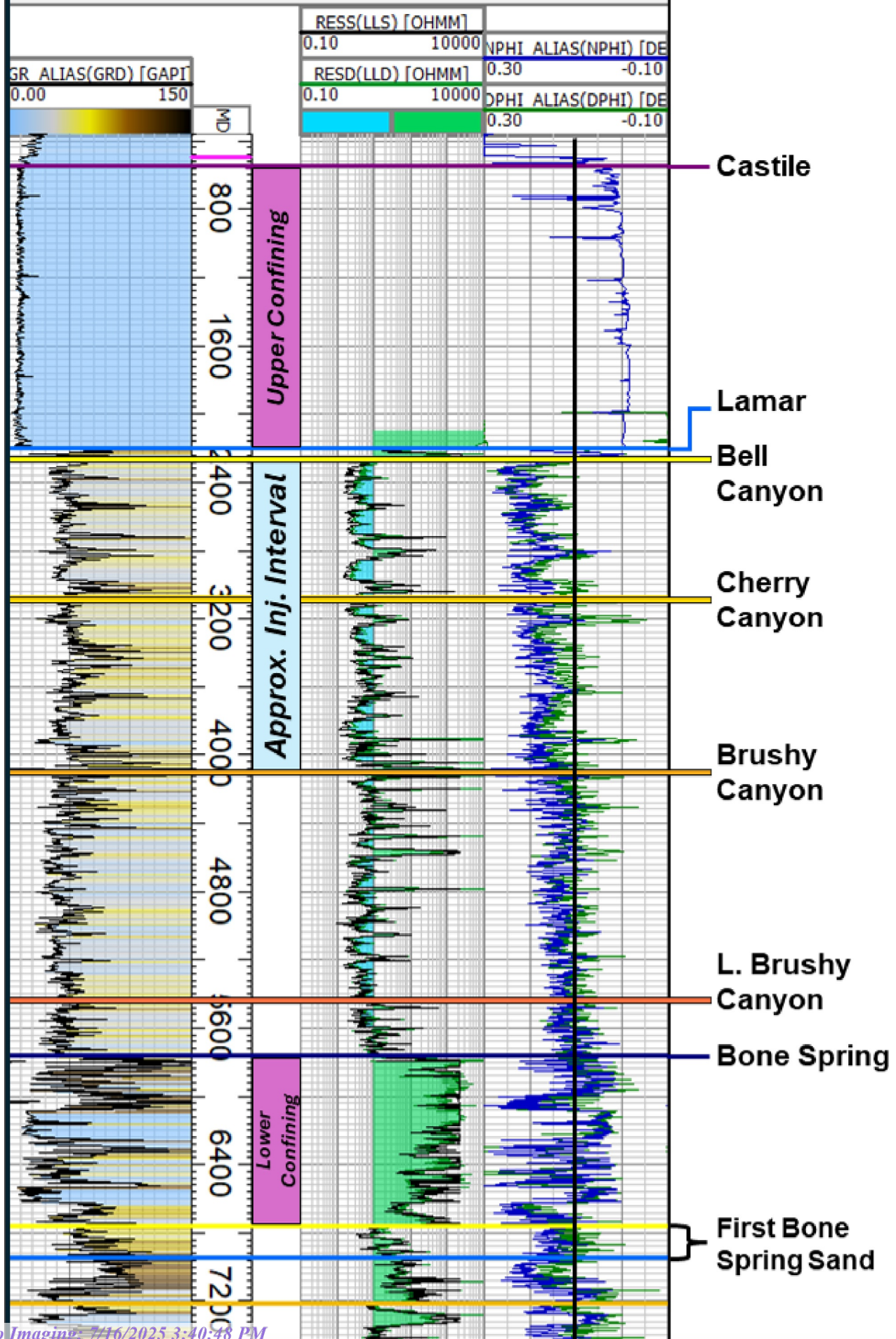
C-108 ITEM X – LOGS and AVAILABLE TEST DATA

*Log Strip from offset well with zone identified.
(API 30-015-42765, ~4775' 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
2054' to 3767'*



C-108 ITEM VII – PROPOSED OPERATION

Solaris Water Midstream

Gene 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 (Split Estate, Fee Surface, BLM Minerals)

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 primarily be tied into existing Solaris infrastructure currently utilized by the Hood SWD #1 (SWD-1732) located nearby, to the northeast of this site. *(Solaris may opt to have an onsite truck facility for limited access if needed.)*

The Gene 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.

Any tanks will be equipped with telemetry devices and visual alarms to alert the operator and customers of full tanks or an overflow situation.

Anticipated daily maximum volume is 18,500 bpd and an average of 12,500 bpd at a maximum surface injection pressure of 410 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 - Gene SWD #1

SOURCE ZONE

DELAWARE

API No.	3001502494	Lab ID	
Well Name	MALAGA UNIT 001	Sample ID	5254
		Sample No	
Location	ULSTR 13 24 S 28 E 330 N 1650 E	Lat / Long	32.22448 -104.03667
		County	Eddy
Operator (when sampled)			
	Field MALAGA	Unit	B
Sample Date		Analysis Date	
	Sample Source UNKNOWN	Depth (if known)	
	Water Type		
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_l	
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	
Remarks			

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



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

SOURCE ZONE

BONE SPRING

API No.	3001510060	Lab ID	
		Sample ID	5500
Well Name	ROOKIE STATE 001	Sample No	
Location	ULSTR 07 22 S 26 E 150 N 2056 E	Lat / Long	32.41351 -104.32957
		County	Eddy
Operator (when sampled)			
	Field HAPPY VALLEY SOUTH	Unit	B
Sample Date		Analysis Date	
	Sample Source UNKNOWN	Depth (if known)	
	Water Type		
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_l	
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	
Remarks			

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



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

SOURCE ZONE

WOLFCAMP

API No.	3001520138	Lab ID	
Well Name	MAHUN STATE 001	Sample ID	5688
		Sample No	
Location	ULSTR 16 22 S 22 E 1800 N 1980 W	Lat / Long	32.39340 -104.70979
		County	Eddy
Operator (when sampled)			
	Field ROCKY ARROYO	Unit	F
Sample Date	5/17/1968	Analysis Date	
	Sample Source DST	Depth (if known)	
	Water Type		
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	
Remarks			

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



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

DISPOSAL ZONE

DMG

API No.	3001522595	Lab ID	
Well Name	GOMEZ 001	Sample ID	2721
		Sample No	
Location	ULSTR 05 23 S 28 E	Lat / Long	32.33373 -104.11209
	2310 S 1650 W	County	Eddy
Operator (when sampled)			
	Field HERRADURA BEND	Unit	K
Sample Date	8/11/1978	Analysis Date	
	Sample Source WELLHEAD	Depth (if known)	
	Water Type		
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	
Remarks			

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



C-108 – Item VIII

Geologic Information

Geologic Exhibits for the Gene SWD Prospect Include:

- **Geologic Narrative Description**
- **Formation [Prog] Tops**
- **Index Map**
- **Local Cross Section**
- **Structure maps:**
 - o *Lamar*
 - o *Bell Canyon*
 - o *Cherry Canyon*
 - o *Brushy Canyon*
 - o *Bone Spring*
- **Isopach maps:**
 - o *Lamar*
 - o *Bell Canyon*
 - o *Cherry Canyon*
 - o *Brushy Canyon*
 - o *Injection interval (Bell + Cherry)*

VIII. Geologic Description

The proposed injection interval, between depths of 2,054 and 3,720* 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 1,685-foot-thick injection interval exhibits porosity greater than 10% (Figure 2) and is laterally continuous within the project area (Figure 9), 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 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. In nearby wells, porosity generally decreases with depth through the Brushy Canyon, reaching a minimum in the lower interval (Figure 2).

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 1,003-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.

There are no fresh water zones underlying the proposed injection zone. Usable water depth is from surface to 300', the water source is the Rustler formation and older alluvium (Quaternary). All of the fresh water wells in the area (sections 13, 14, 18 & 19) have an average depth to water of 27 feet. A representative water analysis for one of the freshwater wells is included herein.

** After further analysis of logs and available data, the bottom of the interval was brought up 46 feet. Legal notice had already been made but, considering the new depth was above the advertised depth, the decision was made to leave other info unchanged. Meaning, if the original full interval was approved, the new adjustment would have been within the original top and bottom interval calls. The intended target formations remain the Bell Canyon and Cherry Canyon as advertised.*

C-108 ITEM VIII**Geologic Information**

Formation Tops

Well Name & #	GENE SWD #1	
GL (plat)	3220.0	
Formation	SSTVD (ft)	TVD (ft)
Alluvium	3220.0	25.0
Castile	2775.3	444.7
Lamar	1344.3	1875.7
Bell Canyon	1234.7	1985.3
Cherry Canyon	470.8	2749.2
Brushy Canyon	-548.6	3768.6
Lower Brushy	-1825.6	5045.6
Bonespring Lime	-2171.7	5391.7
First Bonespring	-3174.2	6394.2
TD	3819	
TOP/BASE INJ	2054	3720
Req. Max Pressure (PSI)	410	
Req. MDIV (BBL)	18,500	
Tubing	5.5" OD	

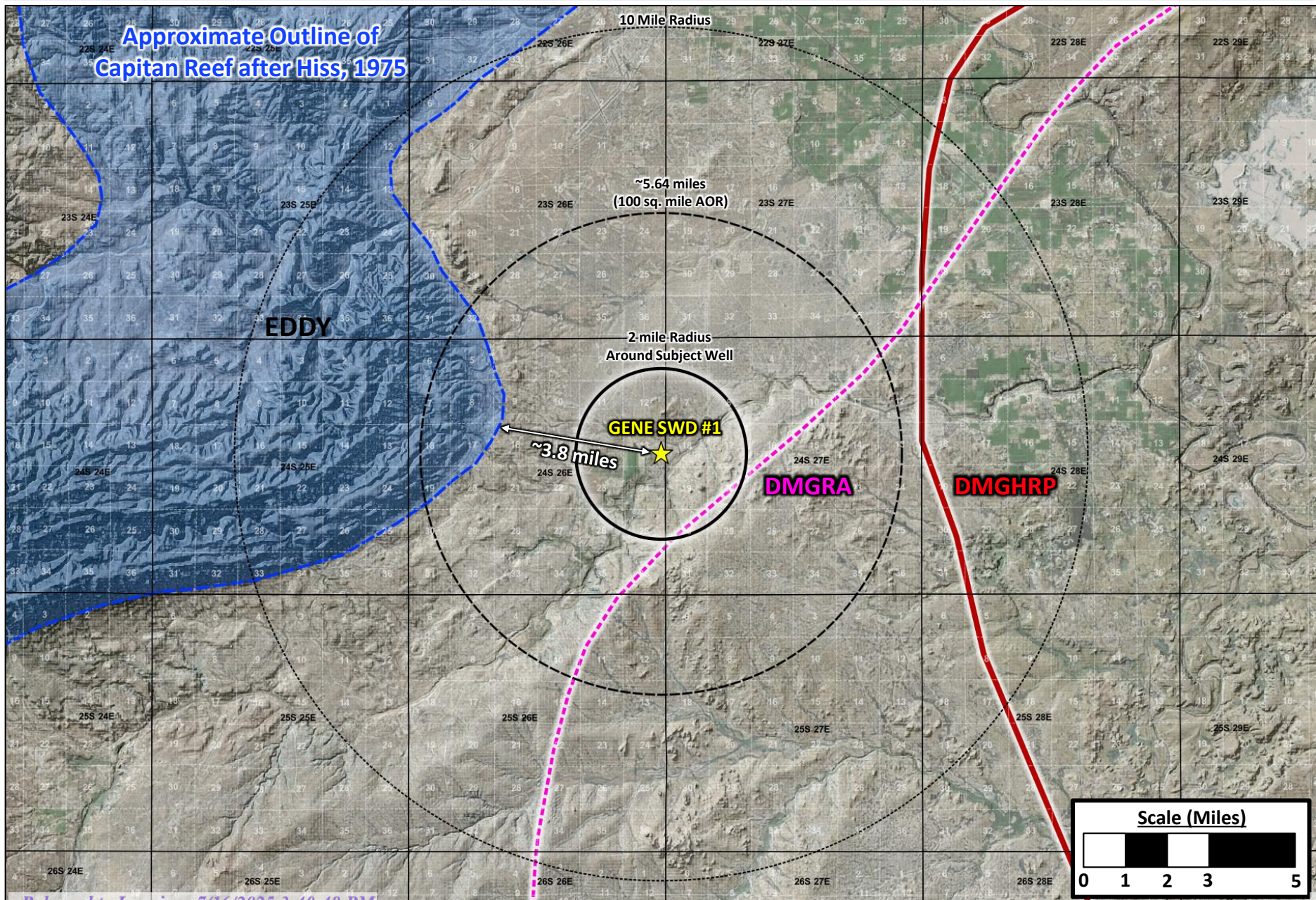
Figure 1: Index Map

Figure 2: Cross Section A-A'

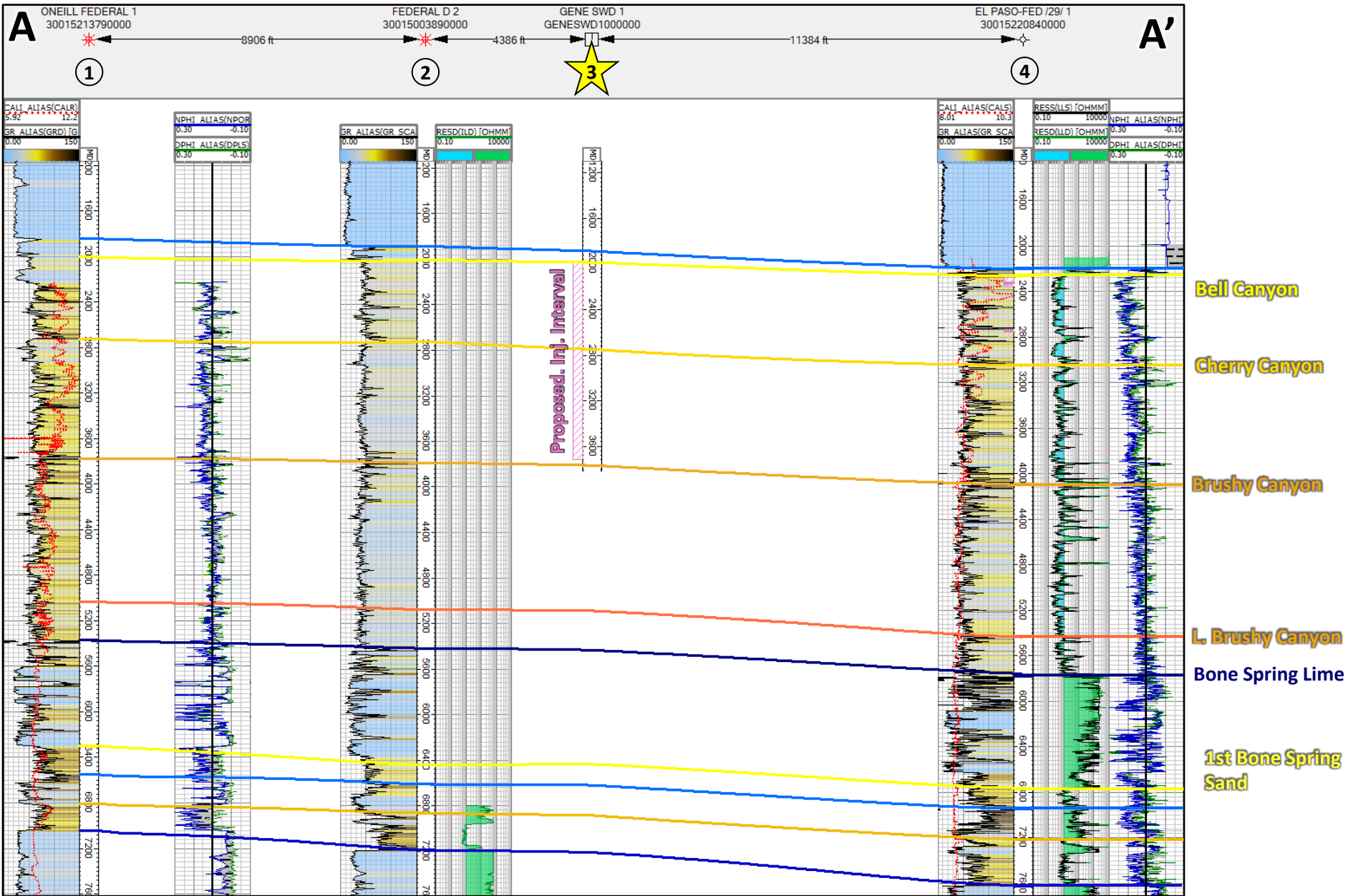


Figure 3: Top Lamar Structure Map (Subsea TVD - Feet)

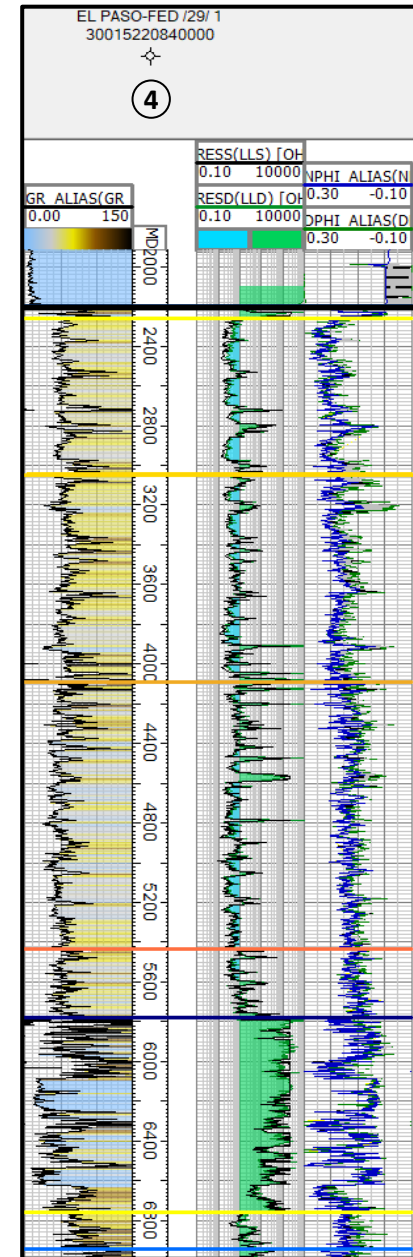
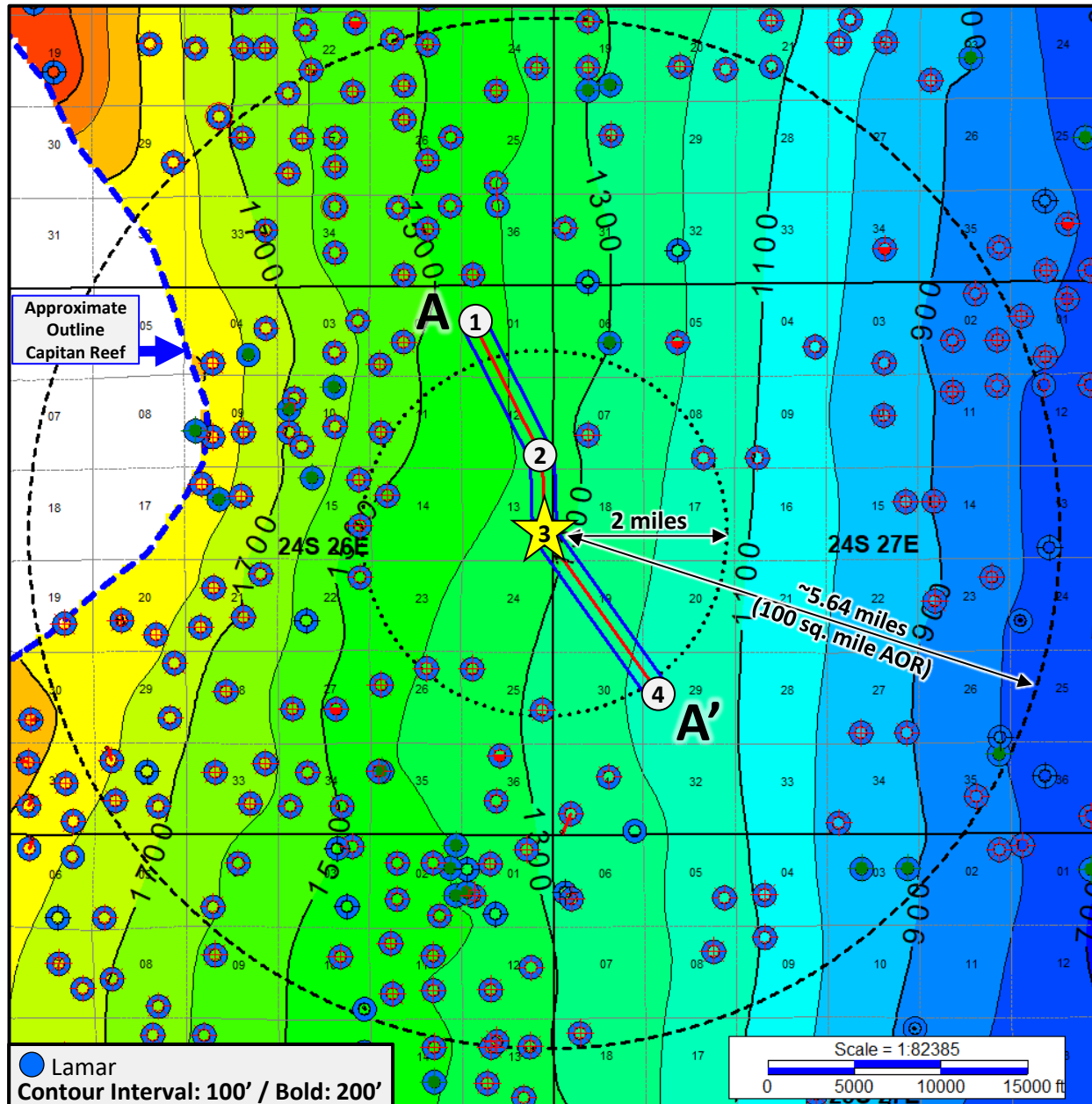


Figure 4: Lamar Isopach (Gross Thickness - Feet)

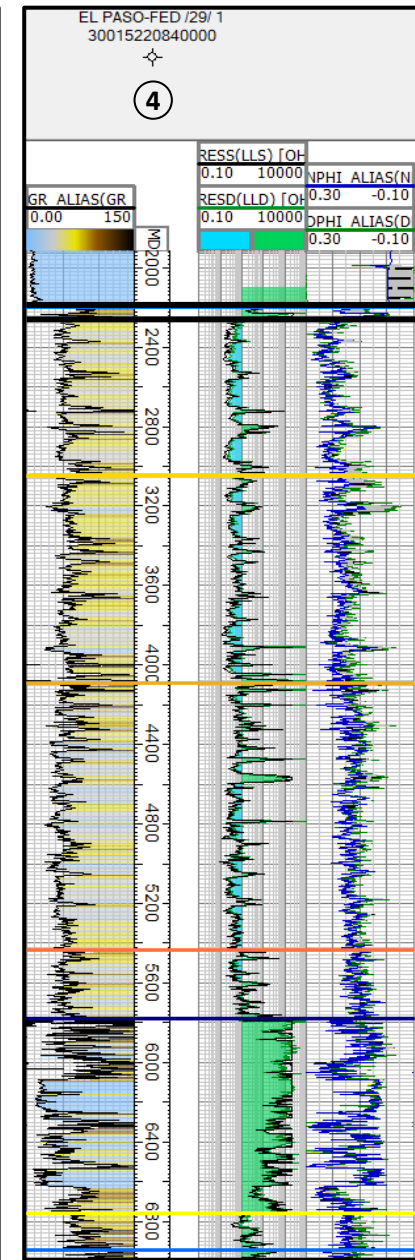
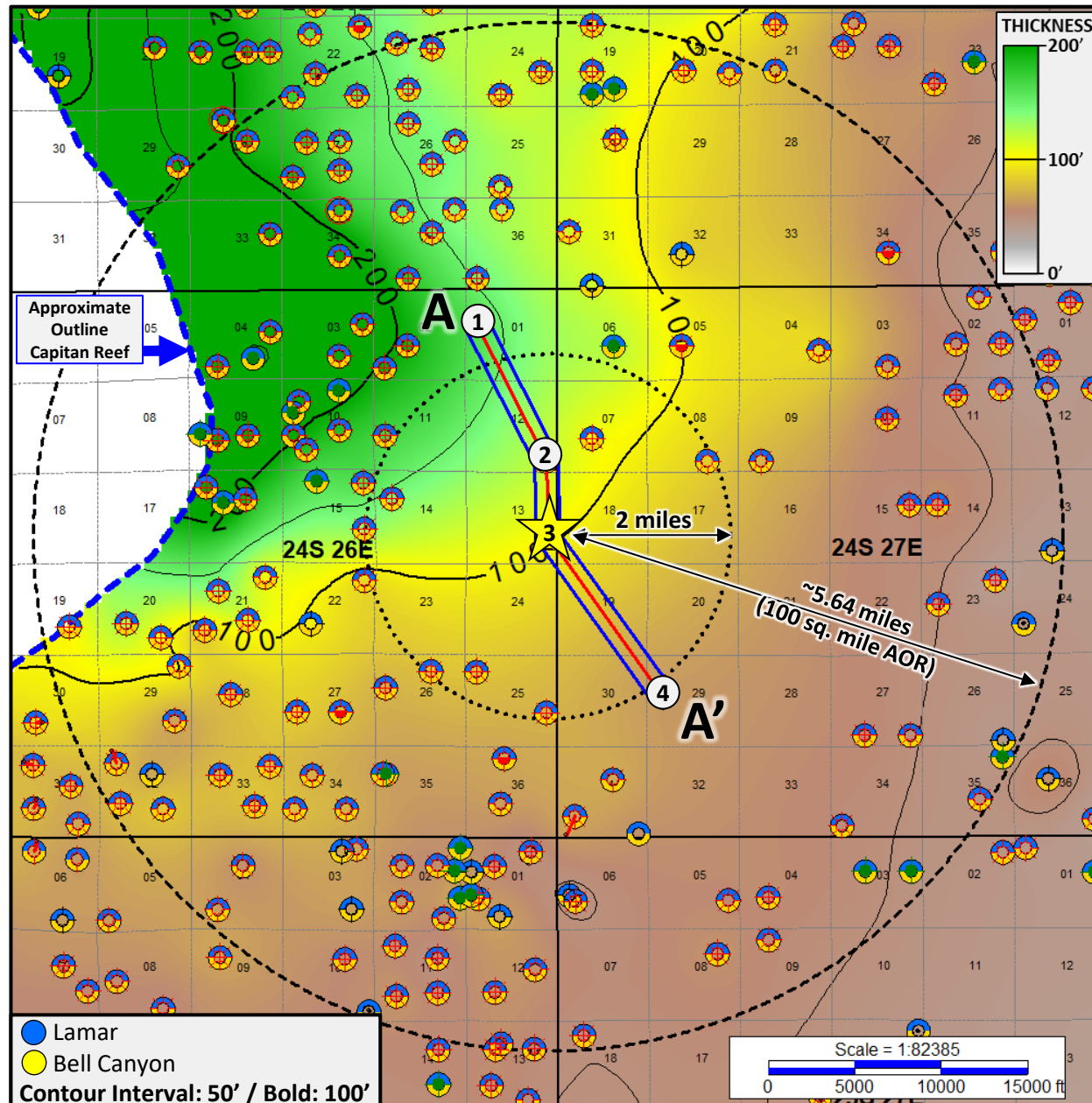


Figure 5: Top Bell Canyon Structure Map (Subsea TVD - Feet)

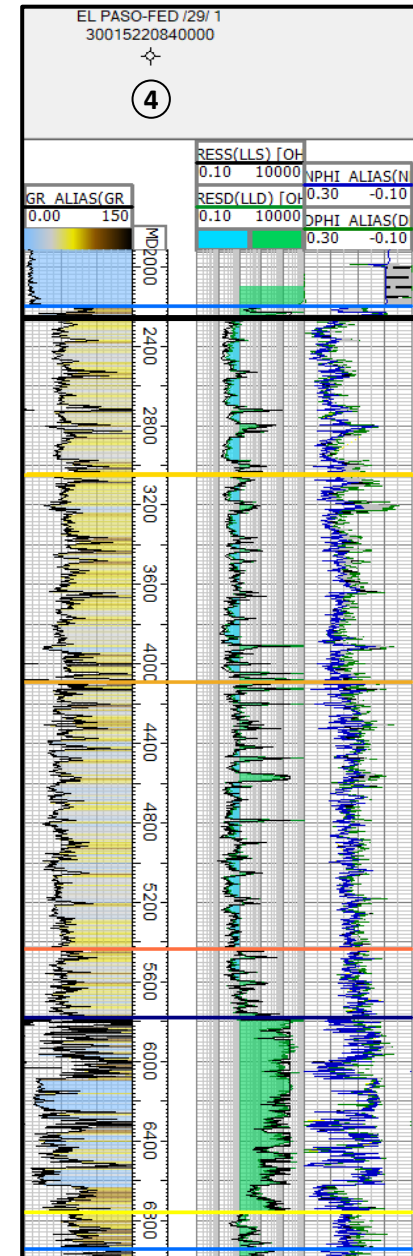
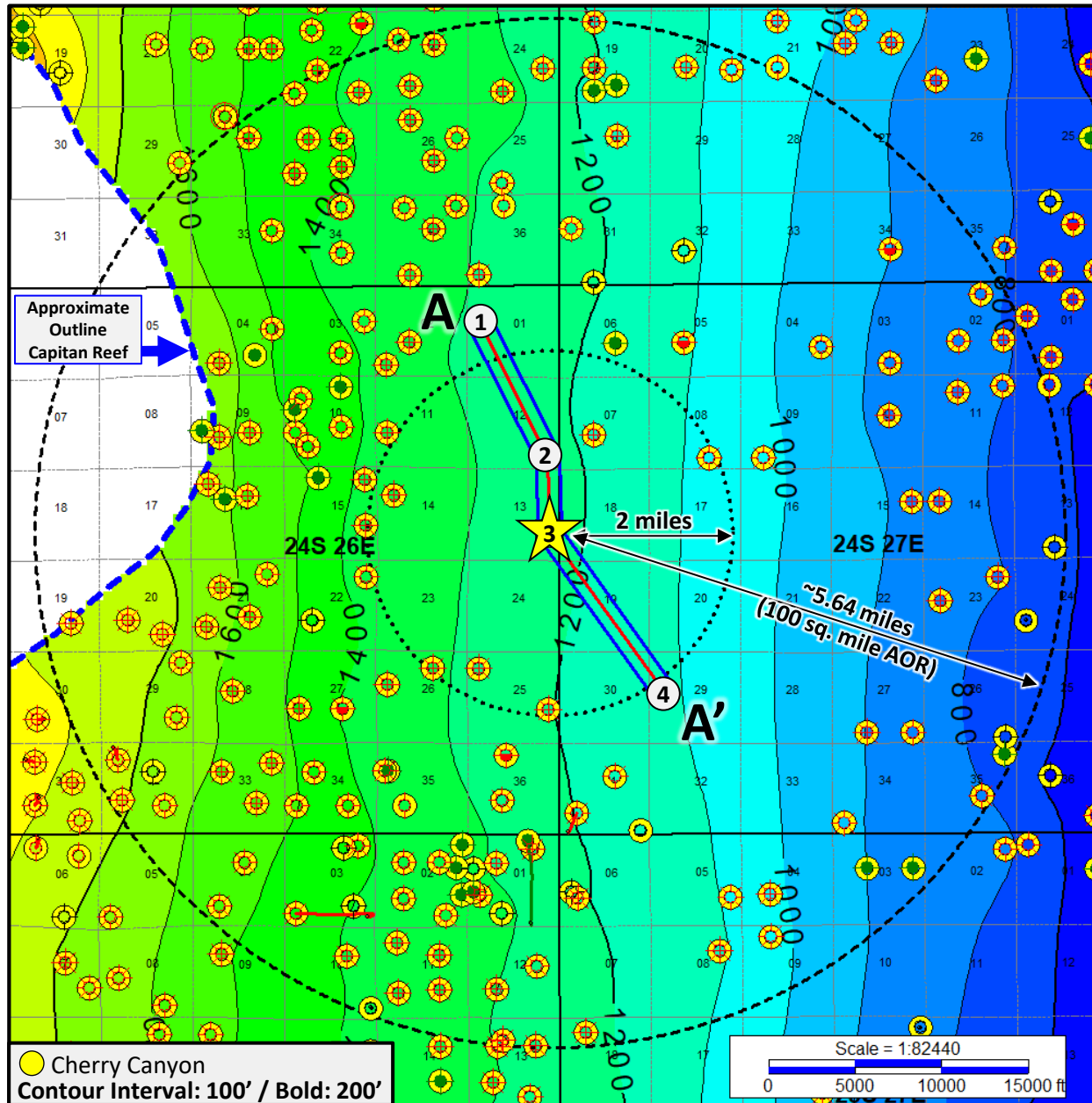


Figure 6: Bell Canyon Isopach (Gross Thickness - Feet)

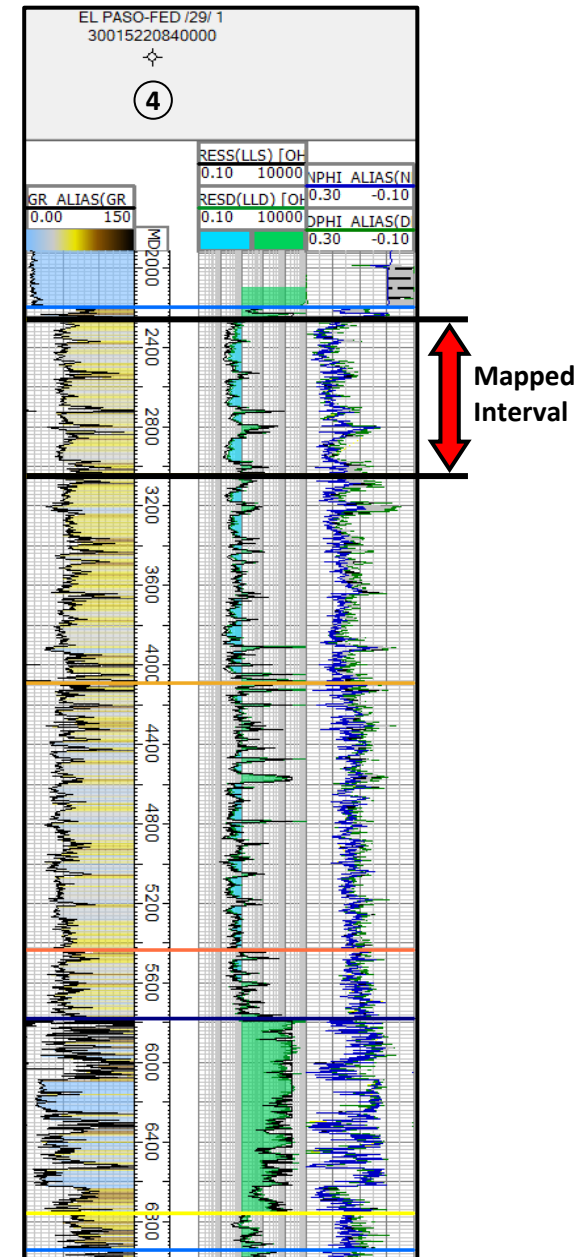
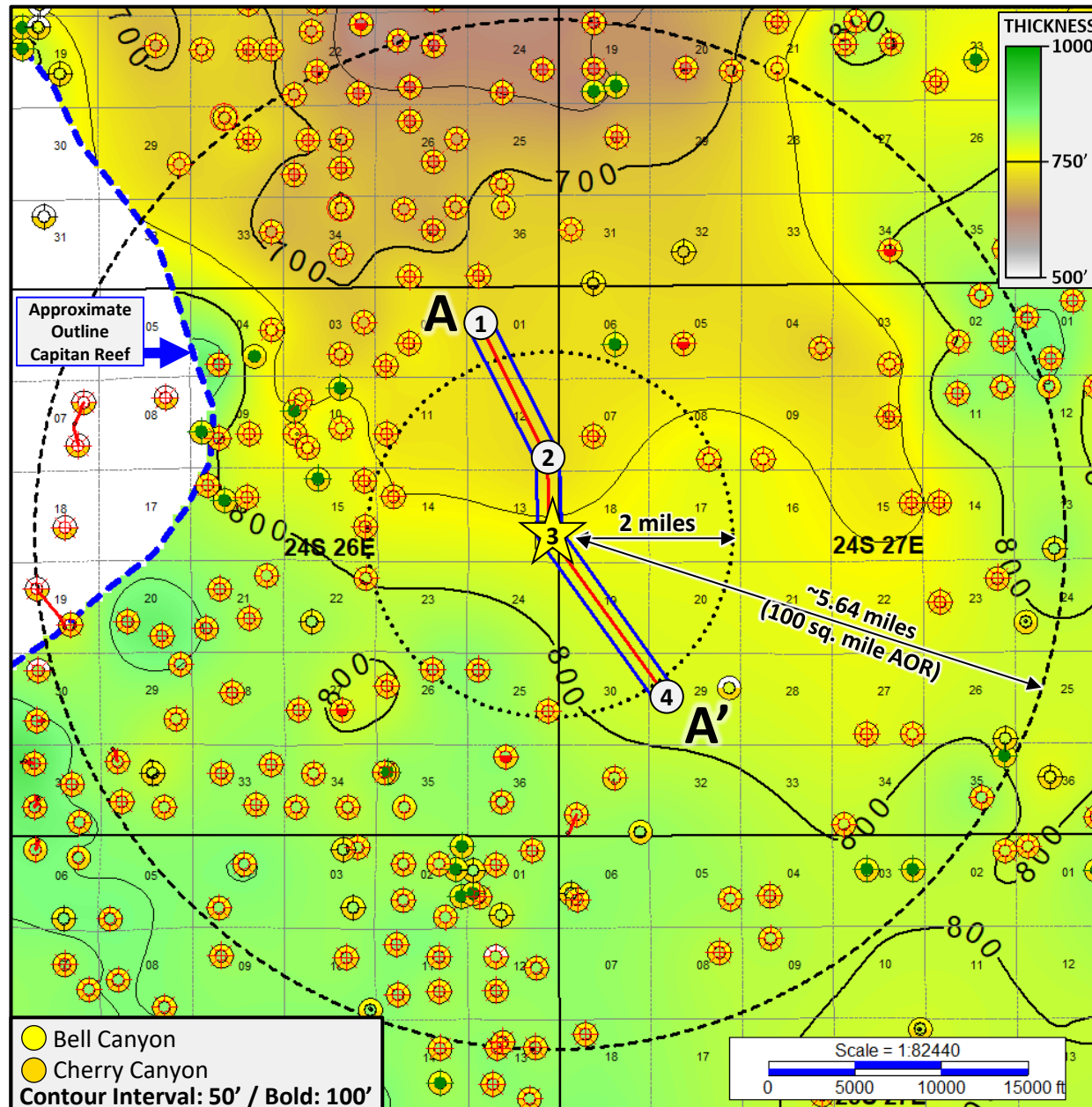


Figure 7: Top Cherry Canyon Structure Map (Subsea TVD - Feet)

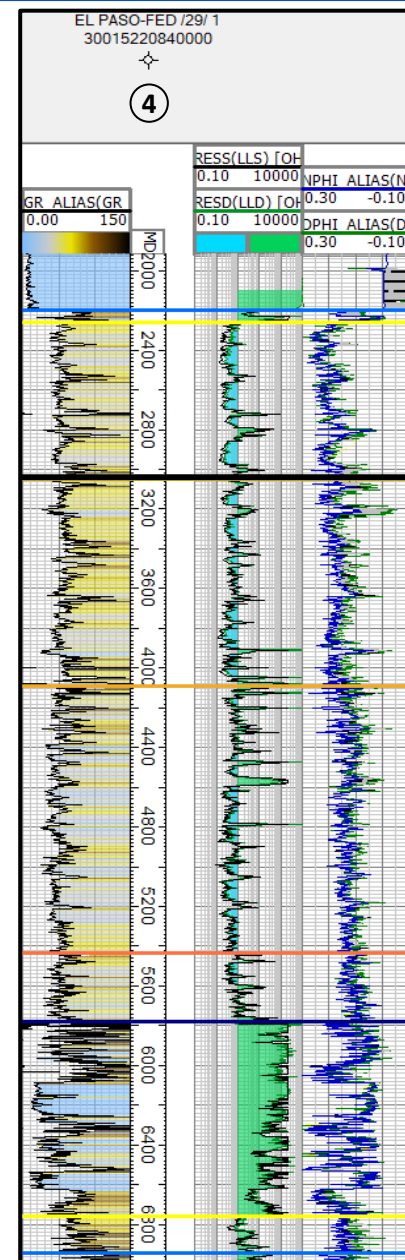
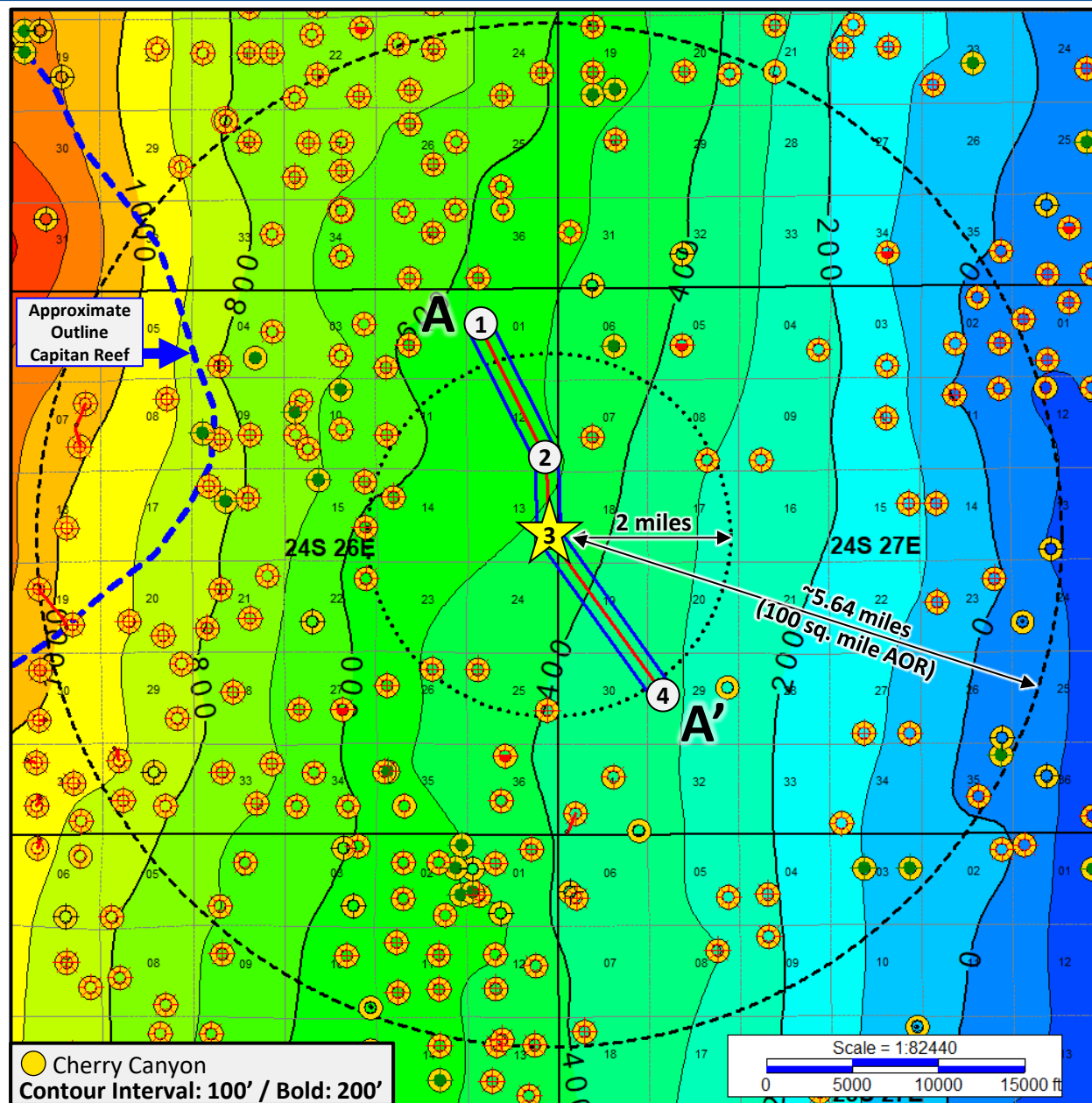


Figure 8: Cherry Canyon Isopach (Gross Thickness - Feet)

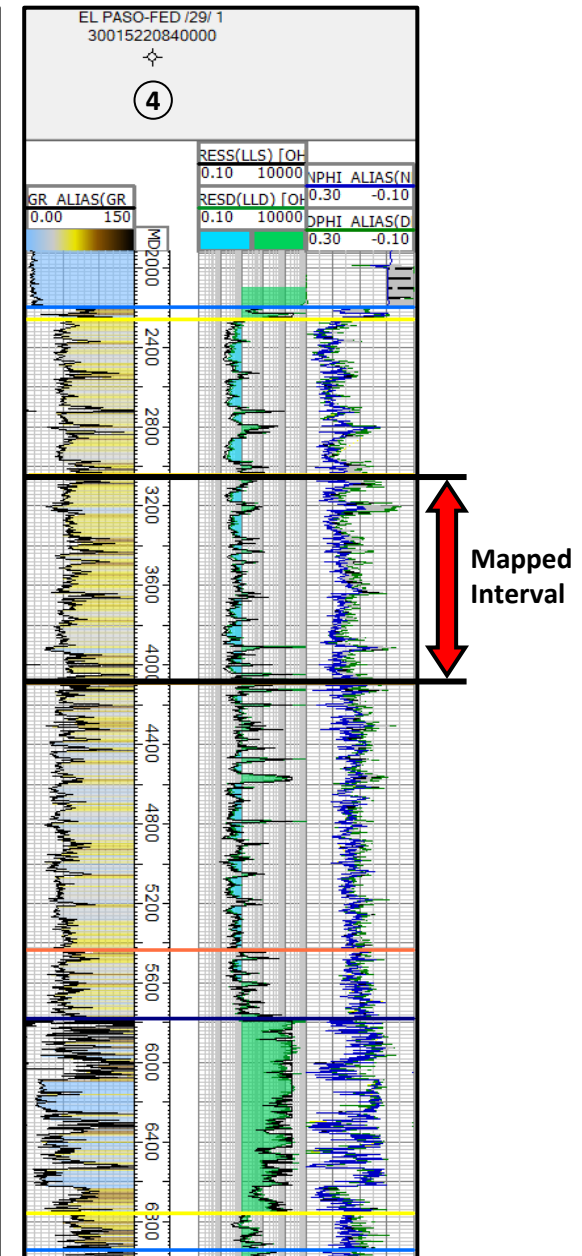
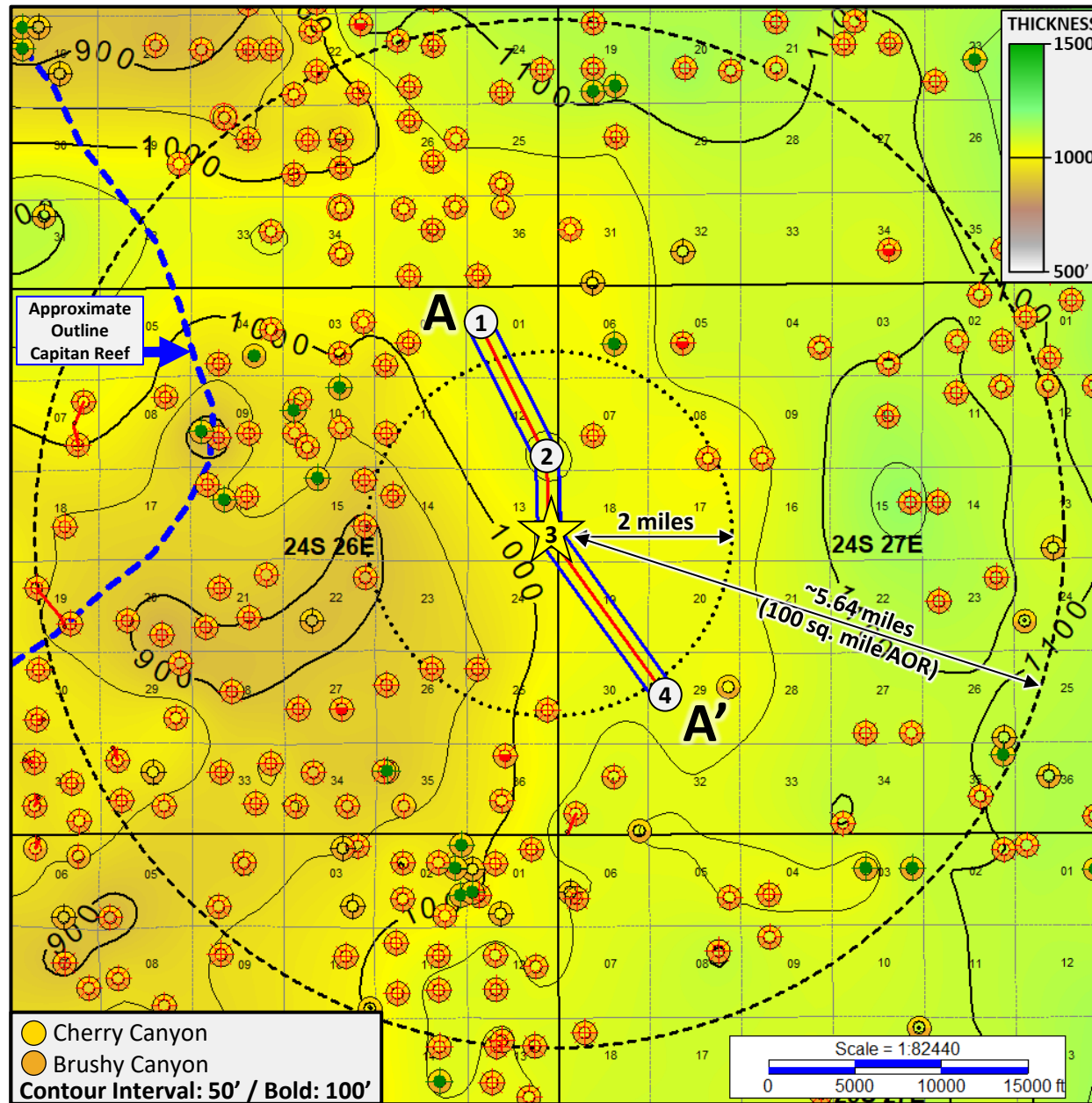


Figure 9: Injection Interval Isopach [Bell + Cherry] (Gross Thickness - Feet)

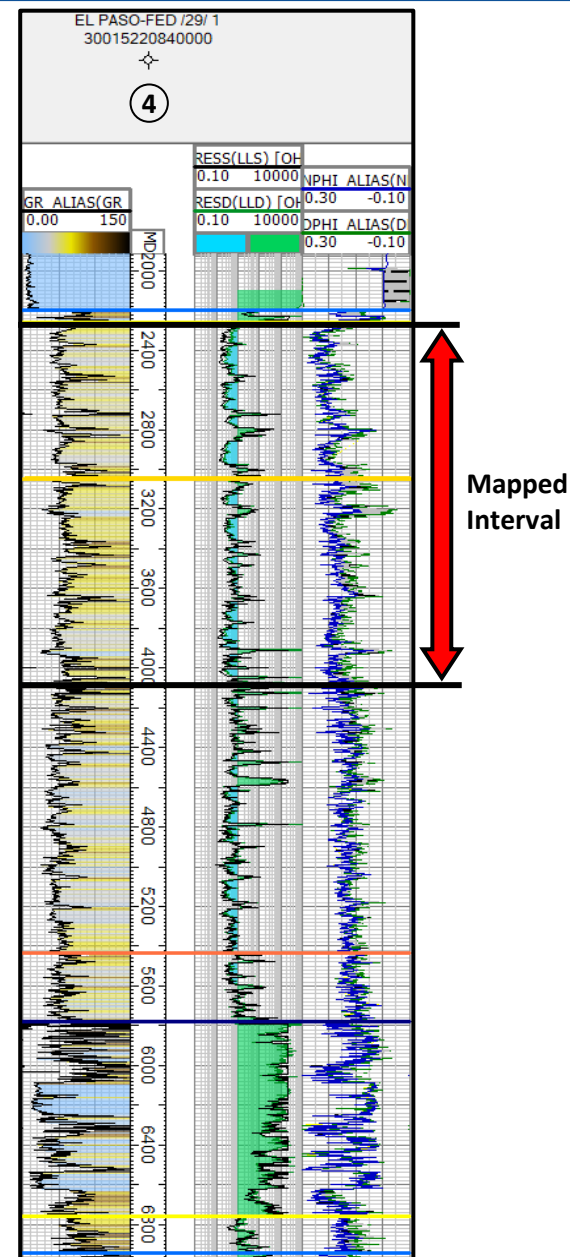
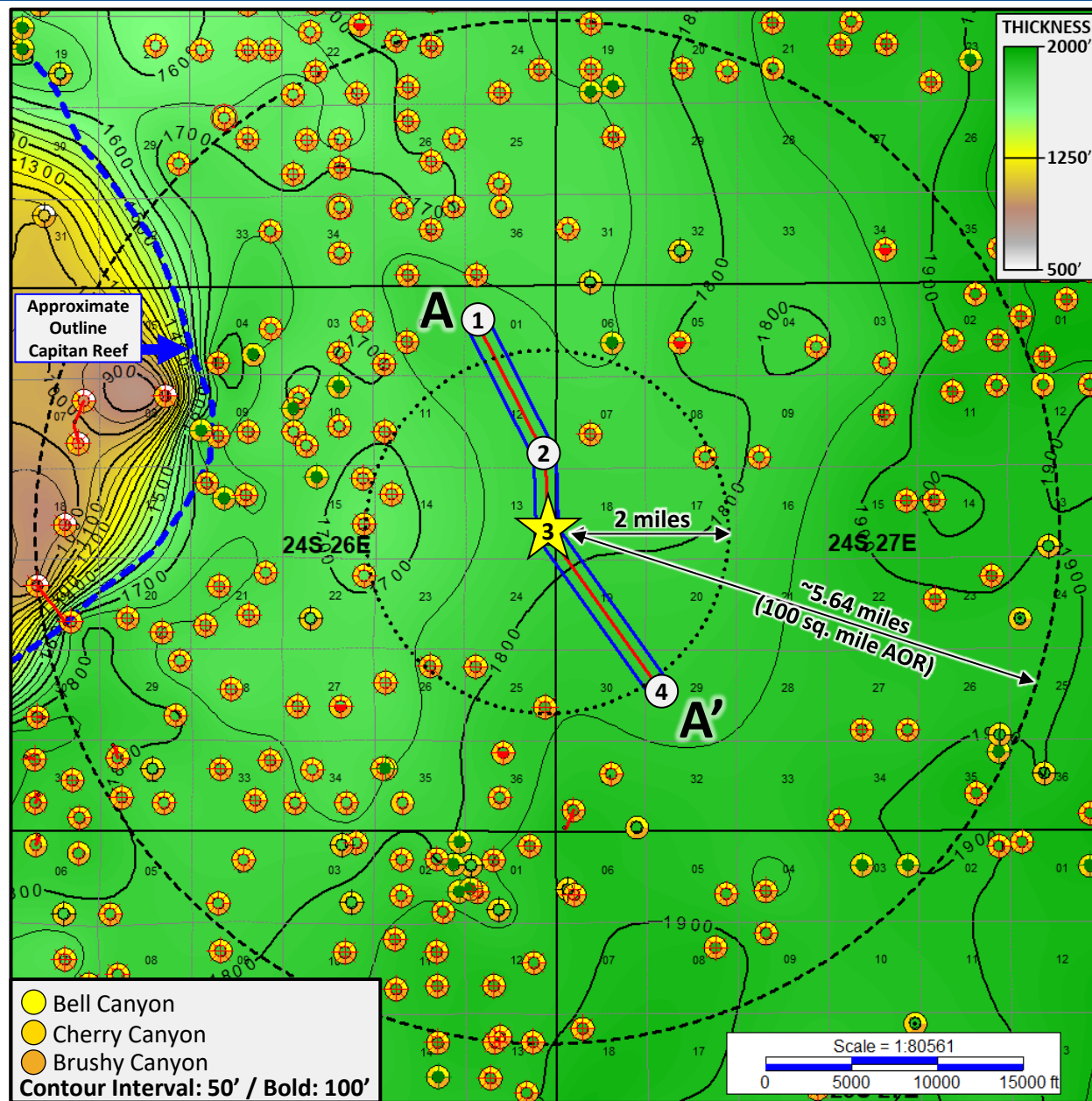


Figure 10: Top Brushy Canyon Structure Map (Subsea TVD - Feet)

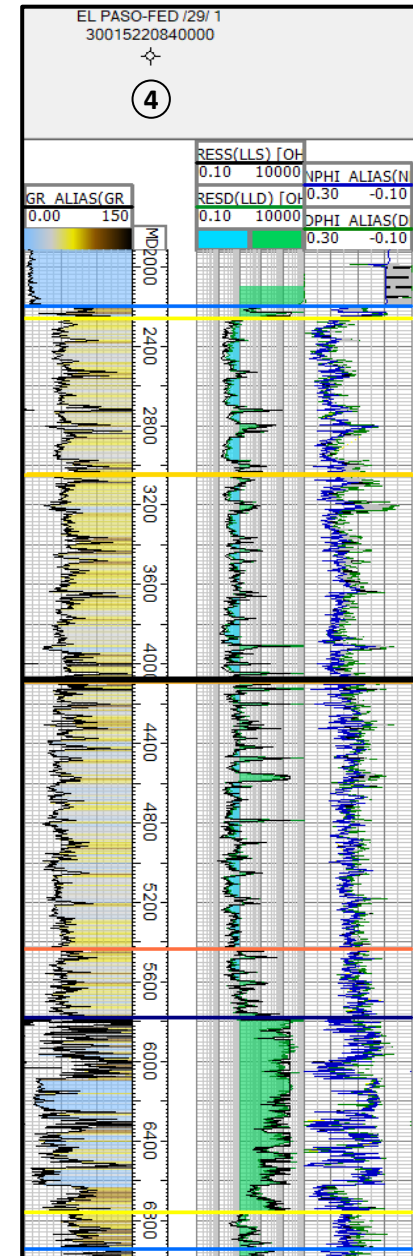
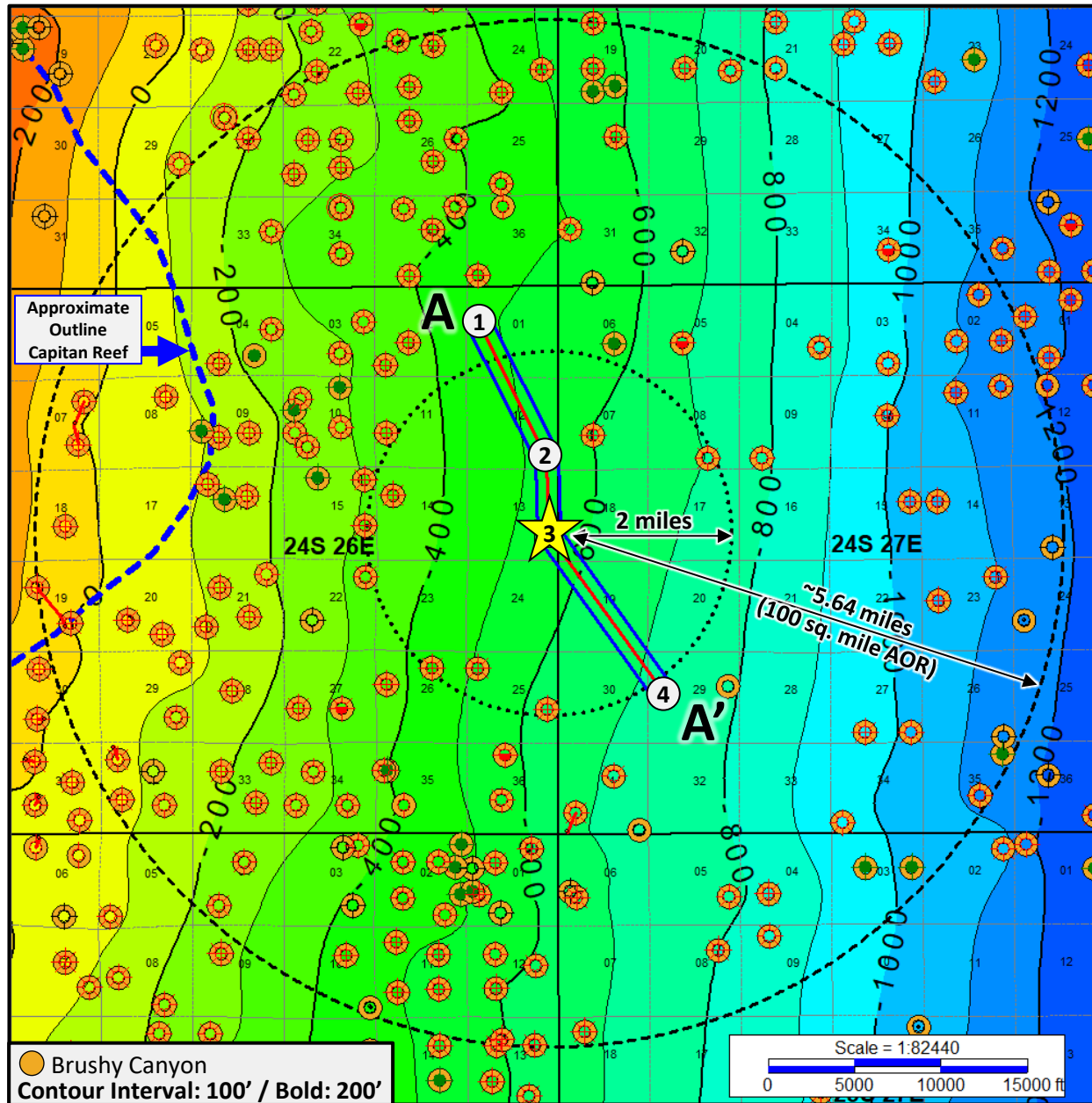


Figure 11: Brushy Canyon Isopach (Gross Thickness - Feet)

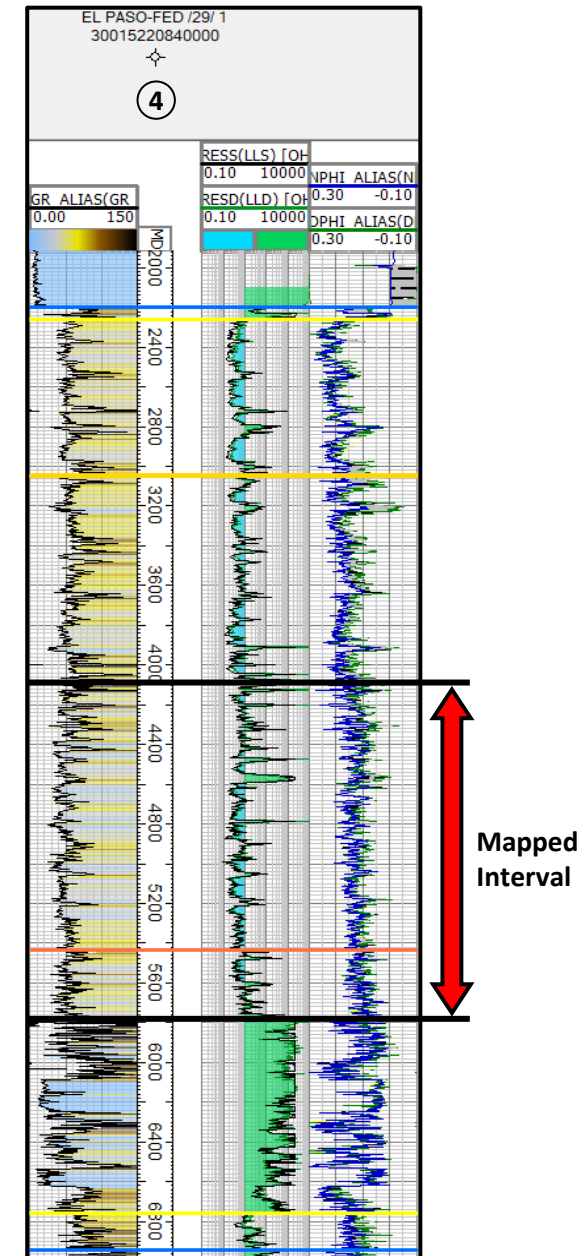
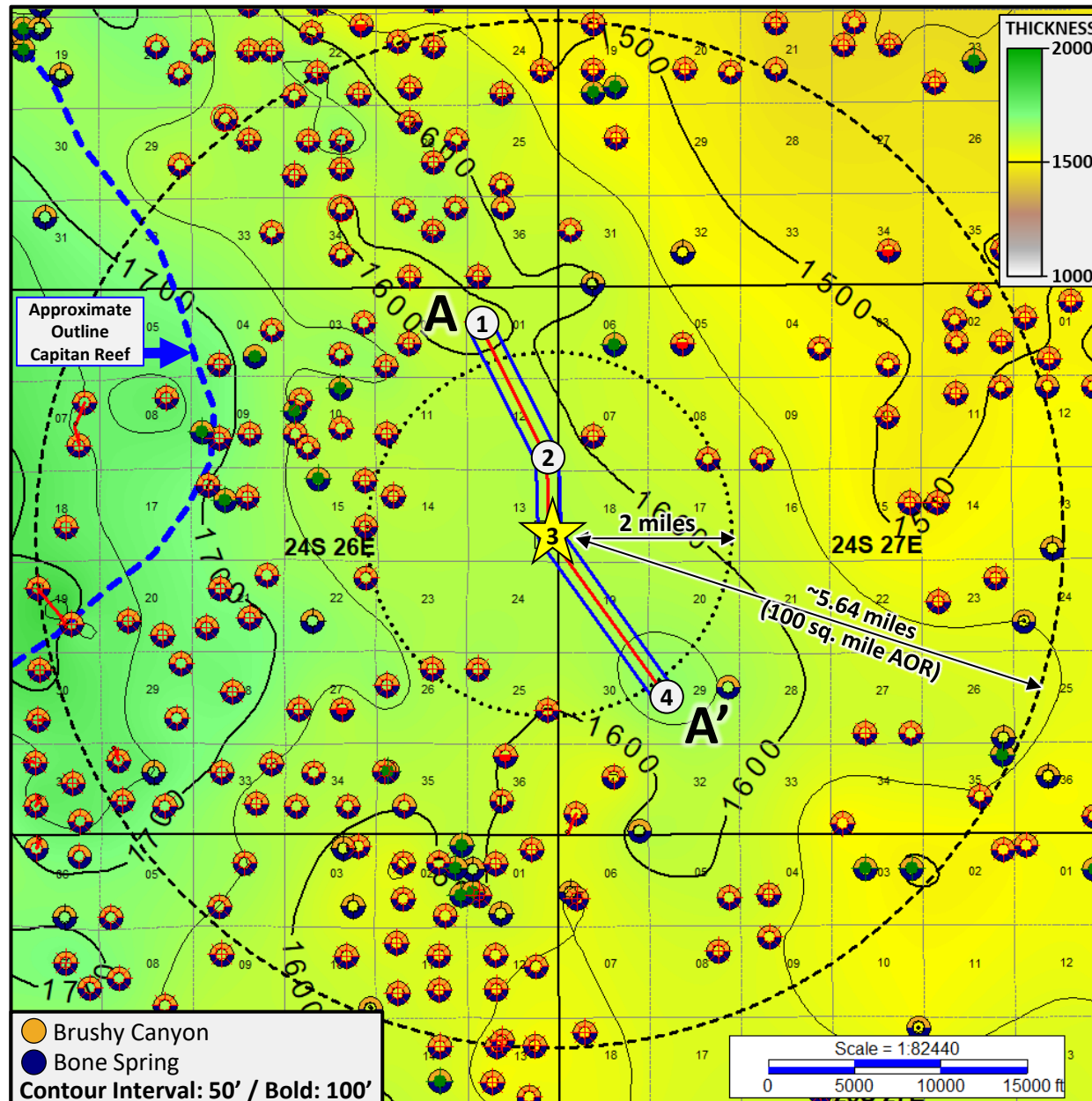
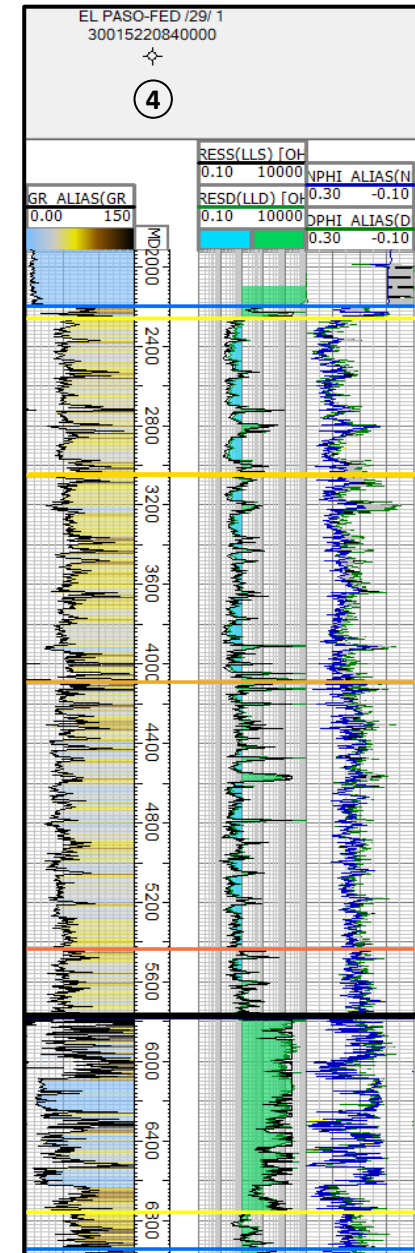
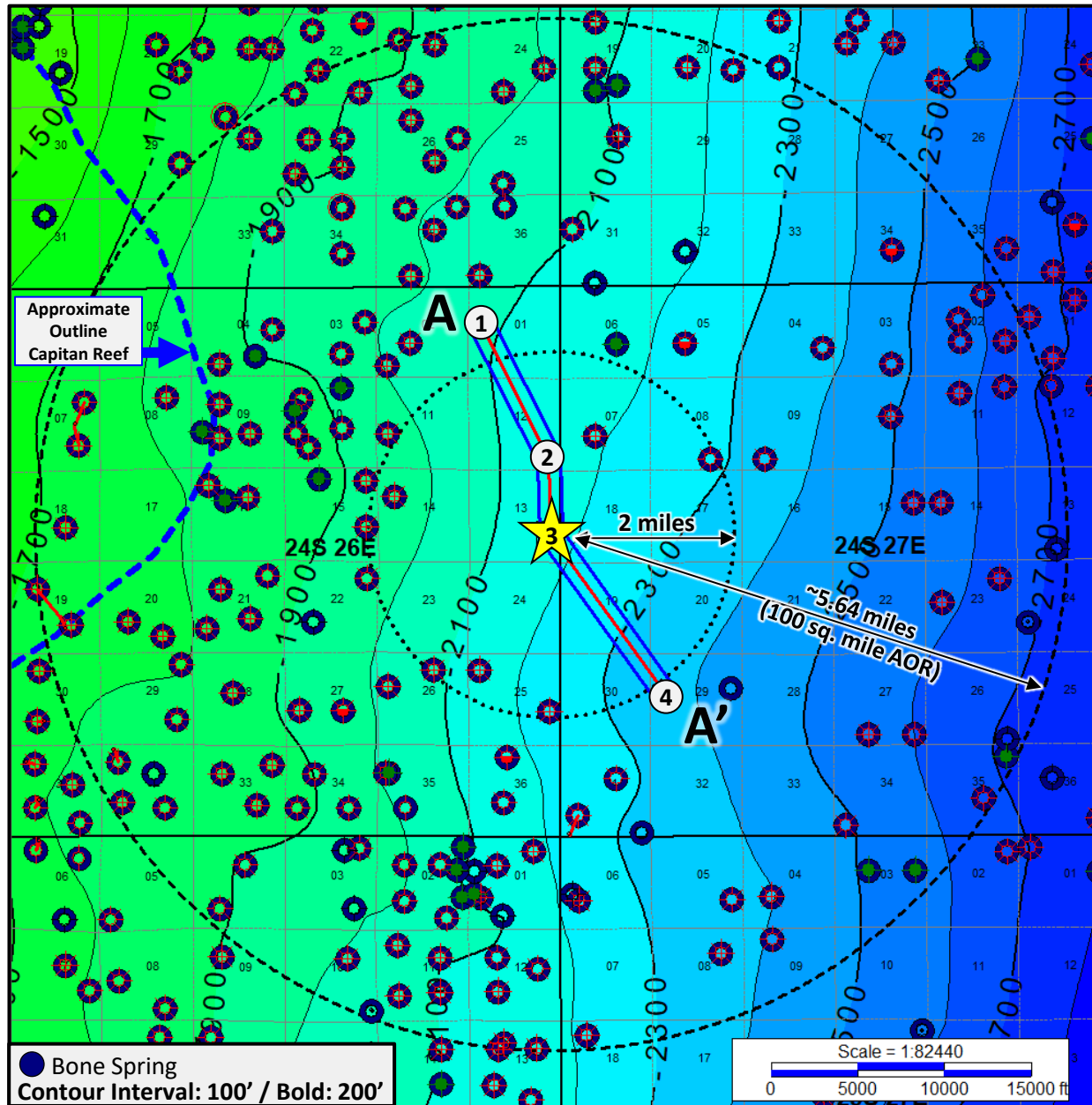


Figure 12: Top Bone Spring Structure Map (Subsea TVD - Feet)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
C 00100 A		CUB	ED	NW	NW	SW	24	24S	26E	570284.0	3563053.0		51	26	25
C 00262	R	C	ED	SE	SW	NW	24	24S	26E	570481.0	3563253.0 *		50		
C 00262 POD2		C	ED	SE	SW	NW	24	24S	26E	570233.8	3562337.7		45	18	27
C 00690		C	ED	NW	SW	SW	24	24S	26E	570288.0	3562653.0 *		30	10	20
C 00692		C	ED	SW	SW	NW	24	24S	26E	570281.0	3563253.0 *		50	42	8
C 00949		C	ED	NW	NW	SW	24	24S	26E	570284.0	3563053.0 *		62	35	27
C 02043		C	ED		NE	NW	24	24S	26E	570805.0	3563758.0 *		42	28	14
C 03192		C	ED	NW	NE	NW	13	24S	26E	570697.0	3565474.0 *		200		
C 03777 POD1		C	ED	SW	NW	NE	24	24S	26E	571120.4	3563571.6		55	28	27

Average Depth to Water: **26 feet**

Minimum Depth: **10 feet**

Maximum Depth: **42 feet**

Record Count: 9

PLSS Search:

Range: 26E

Township: 24S

Section: 13,24

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
C 00929		C	ED		SW	SW	18	24S	27E	572013.0	3564159.0 *		54	33	21
C 01169		C	ED	NW	SE	SW	18	24S	27E	572282.0	3564261.0 *		55	35	20
C 03560 POD1		C	ED	NE	SW	SW	18	24S	27E	572009.0	3564150.6		68	28	40
C 04360 POD1		C	ED	SW	SW	SW	18	24S	27E	571910.0	3564085.3		72	40	32

Average Depth to Water: 34 feet

Minimum Depth: 28 feet

Maximum Depth: 40 feet

Record Count: 4

PLSS Search:

Range: 27E
Township: 24S
Section: 18,19

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



P.O. Box 3394, Midland, Texas 79702
 Phone (432) 684-4233 Fax (432) 684-4277

202250

SAMPLE ANALYSIS FORM

Company	Delaware Energy		Date	01/08/2018
State	County Eddy		Date in Lab	01/08/2018
Lease	Hood Fresh Water	Well Type	Well	
Sample Date	01/08/2018	Sample Pt	Well Head	Sales Rep
Number of Yrs Old		Top Perf	Derrick Boutwell	
Production				
Fluids:	Oil(bpd)	Gravity API	Color of Oil	
	Water(bpd)	Estimated Chlorides	Water Produced	
	Gas(mcf)	Working Pressure(psi)	Shut in Pressure(psi)	
Well Class and Type Lift:				Iron Count(mg/l)
Equipment:				Temperature(F)
Chemicals in Use				

Product	Amount	Unit	Treatment
---------	--------	------	-----------

Problem:

Location:

Water Quality	
---------------	--

Recommendations: Yes

Details:

Fresh water well using for frac. Any was possible they need it Wednesday morning. ASAP.



P.O. Box 3394, Midland, Texas 79702
Phone (432) 684-4233 Fax (432) 684-4277

Water Analysis

Code 202250	
Client Information	Sample Information
Delaware Energy County: Eddy Rep: Derrick Boutwell	Lease/Well: Hood Fresh Water/ Sample Point: Well Head Date Sampled: 01/08/2018 Date Reported: 01/08/2018

Results

Cations

Ion	Concentration(mg/L)
Barium (as Ba)	0
Calcium (as Ca)	710
Iron (as Fe)	0
Sodium (as Na)	2
Magnesium (as Mg)	0

Other Measurements

Measurement	Value
pH	6.97
SG	1.0024
Turbidity	19
CO ₂	
Total Dissolved Solids	2566.000

Anions

Ion	Concentration(mg/L)
Chlorides (as Cl)	56
Sulfate (as SO ₄)	1408
Carbonate (as CO ₃)	0
Bicarbonates (as HCO ₃)	390
Sulfide (as S ²⁻)	0

Scaling Indices

Temp(F)	CaCO ₃	CaSO ₄ *2H ₂ O	CaSO ₄	BaSO ₄
80	0.8356	0.0000	0.0000	-28.0671
120	1.1790	0.0000	0.0000	-28.2801
160	1.5792	0.0000	0.0000	-28.4082
200	1.9427	0.0000	0.0000	-28.4640
250	2.2736	0.0000	0.0000	-28.4245

Low = < 0.200, Moderate = 0.200-0.999, High = > 1.00

Comments

Fresh Water

e-Permitting

C-108 Submittal

Attachment Category

Seismicity Analysis

For High Volume Devonian Wells

(NOT APPLICABLE TO THIS APPLICATION)



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

Re: Geology Statement
Solaris Water Midstream, LLC
Gene SWD #1
Section 13, T. 24S, R. 26E
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.

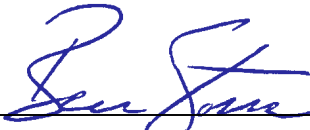
Sincerely,

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 XII – GEOLOGIC AFFIRMATION

We have examined available geologic and engineering data and have found no evidence of open faults or other hydrologic connection between the disposal interval and any underground sources of drinking water.



Ben Stone, Partner
SOS Consulting, LLC

Project: Solaris Water Midstream, LLC
 Gene SWD #1

Reviewed for DMG 4/20/2025

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

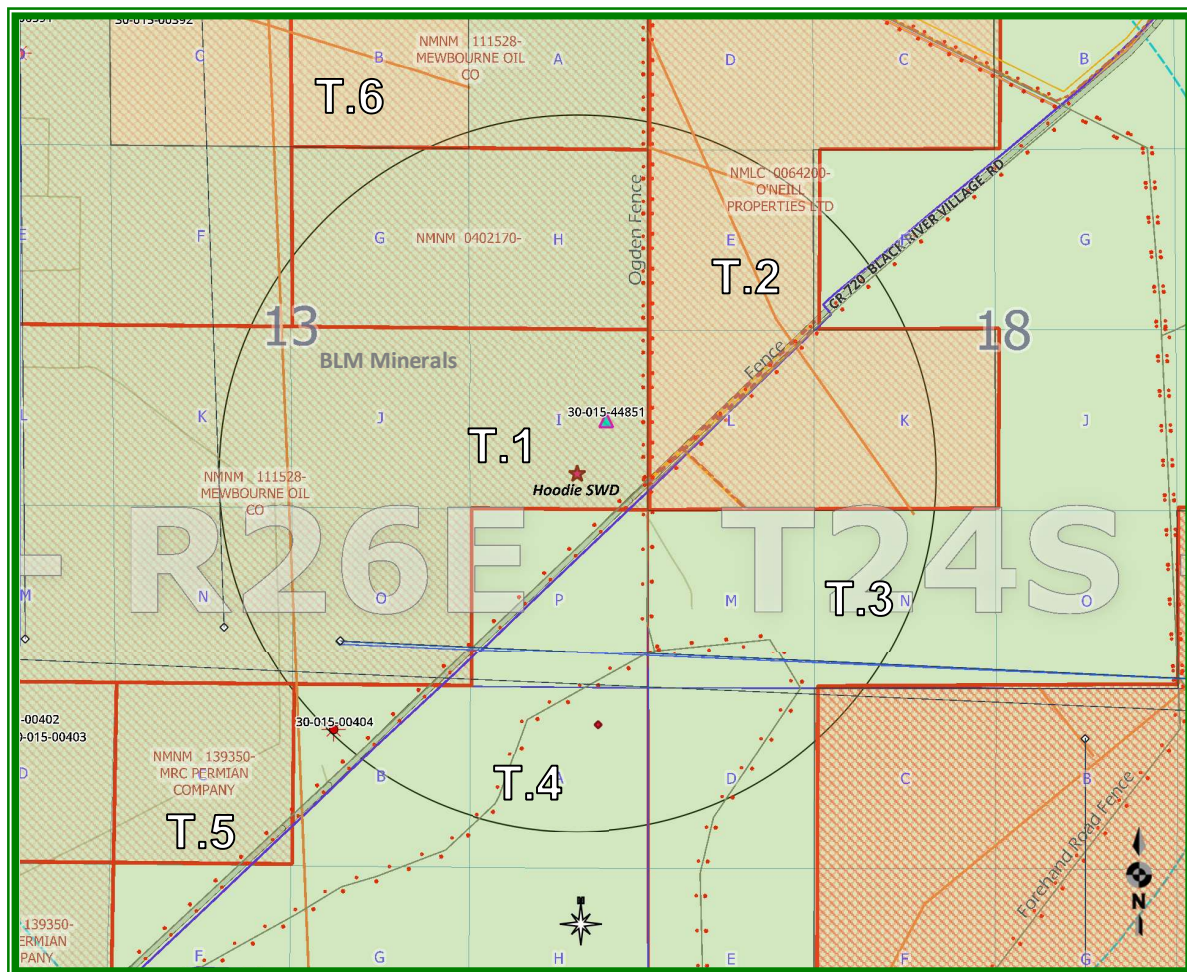
Affidavit Published Legal Notice

2-Mile Overview

[illegible]

Gene SWD #1 – Affected Parties Plat

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



LEGEND

(Note: Leases have active operators except as noted below.)

- T.1 – BLM – NMNM-105450699 (Com Agmt);
Ray Westall Operating, Inc.
- T.2 – State – B0-0255-0014; SEP Permian (Lessee)
- T.3 – State – E0-0537-0011; Merit Energy Partners III, LP
- T.4 – State – E0-4201-0000; ConocoPhillips (Lessee)
- T.5 – BLM – NMNM-105560596 (Com Agmt);
SEP Permian (L), SW Energy Production Co. (L/O)
- T.6 – State – B0-0514-0012; COG Operating, Spur Energy

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	EUGENE C & ALICE K HOOD 1142 Black River Village Road Carlsbad, NM 88220	7018 2290 0001 2038 9231	<input checked="" type="checkbox"/>

OFFSET MINERALS LESSEES and/ or OPERATORS

2	MEWBOURNE OIL COMPANY P.O. Box 5270 Hobbs, NM 88241	7018 2290 0001 2038 9248	<input checked="" type="checkbox"/>
3	DEVON ENERGY OPER. CO. 20 North Broadway, Ste.1500 Oklahoma City, OK 73102	7018 2290 0001 2038 9255	<input checked="" type="checkbox"/>
4	MRC PERMIAN, LLC 5400 LBJ Freeway, Suite 1500 Dallas, Texas 75240	7018 2290 0001 2038 9262	<input checked="" type="checkbox"/>
5	EOG RESOURCES, INC. 5509 Champions Drive Midland, TX 79706	7018 2290 0001 2038 9279	<input checked="" type="checkbox"/>
6	O'NEILL PROPERTIES LTD. P O Box 2840 Midland, TX 79702	7018 2290 0001 2038 9286	<input checked="" type="checkbox"/>

REGULATORY

7	OIL CONSERVATION DIVISION Engineering Bureau – UIC Group 1220 S. St. Francis Drive Santa Fe, NM 87505	Filed via OCD Online	<input checked="" type="checkbox"/>
7	U.S. DEPARTMENT OF INTERIOR Bureau of Land Management Oil & Gas Division 620 E. Greene St. Carlsbad, NM 88220	7018 2290 0001 2038 9293	<input checked="" type="checkbox"/>



May 9, 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 Hoodie #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 13, Township 24 South, Range 26 East in Eddy County, New Mexico.

The published notice states that the interval will be from 2,054 feet to 3,767 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 April 24, 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 is the Hoodie SWD No.1, (API 30-015-TBD) is located 1603' FSL and 534' FEL, Section 13, Township 24 South, Range 26 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 2,054' to 3,767' at a maximum surface pressure of 410 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 9.5 miles southwest of Loving, 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 date of this notice. Additional information may be obtained from the applicant's agent, SOS Consulting, LLC, (936)367-5950 or, email 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

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.

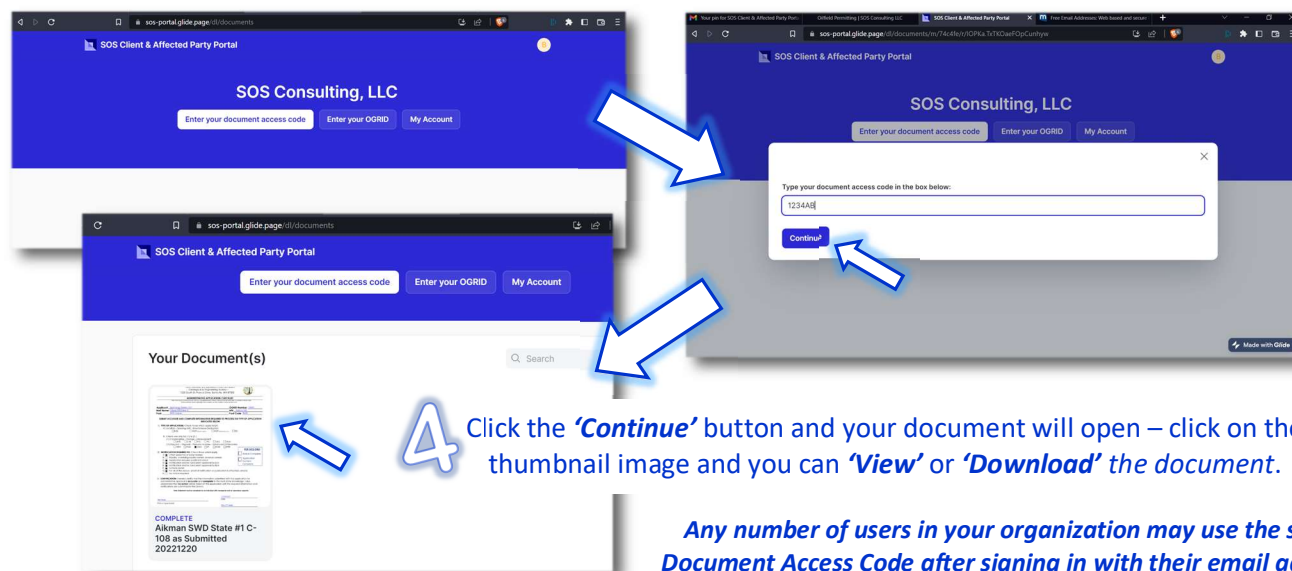


MOBILE ACCESS

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 9231

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Carlsbad, NM 88220

OFFICIAL USE

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<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 \$0.73

Total Postage and Fees \$9.68

Sent To

Street and
City, State,

PS Form 38

Postmark Here

0360 03

05/09/2025

EUGENE C & ALICE K HOOD
1142 Black River Village Road
Carlsbad, NM 88220

7018 2290 0001 2038 9248

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Hobbs, NM 88241

OFFICIAL USE

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<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 \$0.73

Total Postage and Fees \$9.68

Sent To

Street and
City, State, Z

PS Form 38

Postmark Here

0360 03

05/09/2025

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

7018 2290 0001 2038 9255

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Oklahoma City, OK 73102

OFFICIAL USE

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<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 \$0.73

Total Postage and Fees \$9.68

Sent To

Street and
City, State,

PS Form 38

Postmark Here

0360 03

05/09/2025

DEVON ENERGY OPER. CO.
20 North Broadway, Ste.1500
Oklahoma City, OK 73102

7018 2290 0001 2038 9262

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Dallas, TX 75240

OFFICIAL USE

Certified Mail Fee	\$4.85
Extra Services & Fees (check box, add fee as appropriate)	\$4.10
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<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 \$0.73

Total Postage and Fees \$9.68

Sent To

Street and
City, State,

PS Form 38

Postmark Here

0360 03

05/09/2025

MRC PERMIAN, LLC
5400 LBJ Freeway, Suite 1500
Dallas, Texas 75240

C-108 - Item XIV

Proof of Notice (Certified Mail Receipts - cont.)

7018 2290 0001 2038 9279

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Midland, TX 79706	
OFFICIAL USE	
Certified Mail Fee \$4.85	0360 03
\$4.10	
Extra Services & Fees (check box, add fees 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 \$0.73	Postmark Here
Total Postage and Fees \$9.68	05/09/2025
Sent To	
Street and	EOG RESOURCES, INC.
City, State,	5509 Champions Drive
	Midland, TX 79706
PS Form 3849	ions

7018 2290 0001 2038 9286

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Midland, TX 79702	
OFFICIAL USE	
Certified Mail Fee \$4.85	0360 03
\$4.10	
Extra Services & Fees (check box, add fees 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 \$0.73	Postmark Here
Total Postage and Fees \$9.68	05/09/2025
Sent To	
Street and	O'NEILL PROPERTIES LTD.
City, State,	P O Box 2840
	Midland, TX 79702
PS Form 3849	ions

7018 2290 0001 2038 9293

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
Carlsbad, NM 88220	
OFFICIAL USE	
Certified Mail Fee \$4.85	0360 03
\$4.10	
Extra Services & Fees (check box, add fees 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 \$0.73	Postmark Here
Total Postage and Fees \$9.68	05/09/2025
Sent To	
Street and	Bureau of Land Management
City, State,	Oil & Gas Division
	620 E. Greene St.
	Carlsbad, NM 88220
PS Form 3849	ions

ben sosconsulting.us

From: Tim Harrington <tharrington@mewbourne.com>
Sent: Sunday, May 11, 2025 2:12 PM
To: ben sosconsulting.us
Subject: RE: [EXT] Solaris shallow SWD proposal...

Ben:

I received confirmation from our Midland Exploration Team that we do not plan to protest this application. Thanks.

Tim Harrington
Reservoir Engineer
Mewbourne Oil Company
3620 Old Bullard Road
PO Box 7698
Tyler, TX 75701

W -903-534-7647 (Direct)
C - 832-217-6852
tharrington@mewbourne.com

From: ben sosconsulting.us <ben@sosconsulting.us>
Sent: Thursday, May 8, 2025 1:46 PM
To: Tim Harrington <tharrington@mewbourne.com>
Subject: [EXT] Solaris shallow SWD proposal...

Hello Tim,

Hope all is well.

Hey, I'm working on a new SWD for Solaris – it's proposed into the Bell and Cherry Canyons and is adjacent to its existing Hood SWD (Devonian) in 13-24S-26E.

Mewbourne had a couple laterals running through the south portion of the ½ mile AOR. Can you check with your guys to see if there are any issues? I've attached basic info here... Working on notice so Mewbourne will be getting that, but I wanted to bounce it off you before I got too far down the road.

Thanks very much,
Ben





Ben Stone, Partner
127 Teena Lane
Livingston, TX 77351

C: 903-335-3368
O: 936-376-5950

Visit us on the web at www.sosconsulting.us

CONFIDENTIALITY NOTICE: This message is confidential and may be privileged. If you believe that this email has been sent to you in error, please reply to the sender that you received the message in error; then please delete this e-mail. Thank you.

Affidavit of PublicationNo. 44940

State of New Mexico

Publisher

County of Eddy:

Dave Shabaz

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 April 24, 2025

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

Seventh Publication _____

Eighth Publication _____

Subscribed and sworn before me this

24th day of April 2025

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



Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:**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 is the Hoodie SWD No.1, (API 30-015-TBD) is located 1603' FSL and 534 FEL, Section 13, Township 24 South, Range 26 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 2,054' to 3,767' at a maximum surface pressure of 410 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 9.5 miles southwest of Loving, 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)367-5950 or, email info@sosconsulting.us.

44940-Published in Artesia Daily Press, April 24, 2025

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting </div> <div> Submittal Type: <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> <input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> </div>
--	---	--

WELL LOCATION INFORMATION

API Number 30-015-TBD	Pool Code 96802	Pool Name SWD; BELL CANYON-CHERRY CANYON
Property Code TBD	Property Name GENE SWD	Well Number #1
OGRID No. 371643	Operator Name SOLARIS WATER MIDSTREAM, LLC.	Ground Level Elevation 3220'
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 I	Section 13	Township 24-S	Range 26-E	Lot	Ft. from N/S 1,603 FSL	Ft. from E/W 534 FEL	Latitude 32.21433888 °N	Longitude 104.23971829 °W	County EDDY
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Bottom Hole Location

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

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

29786

Date of Survey

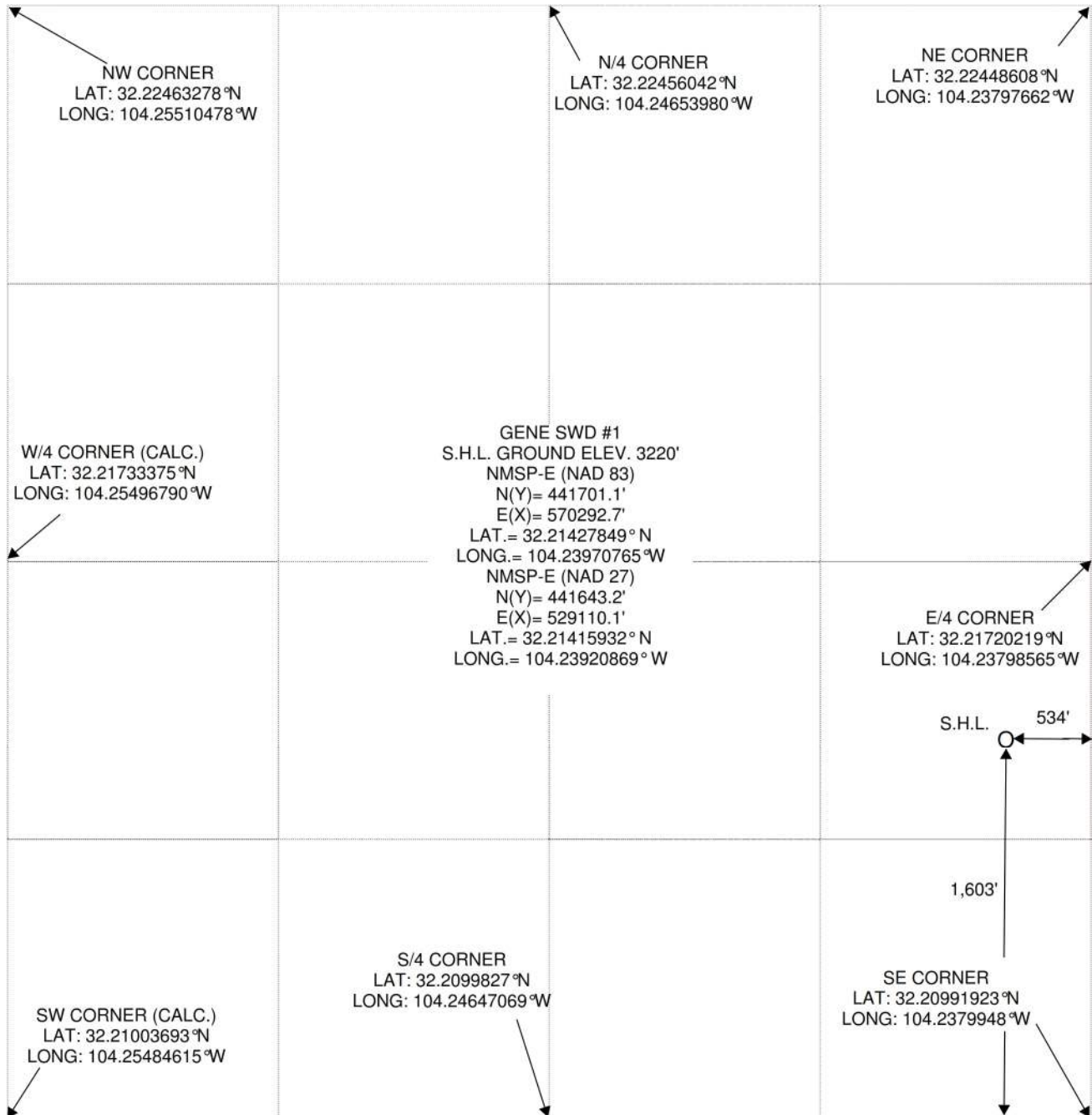
3-17-2025

 REV. 1
 6-24-25

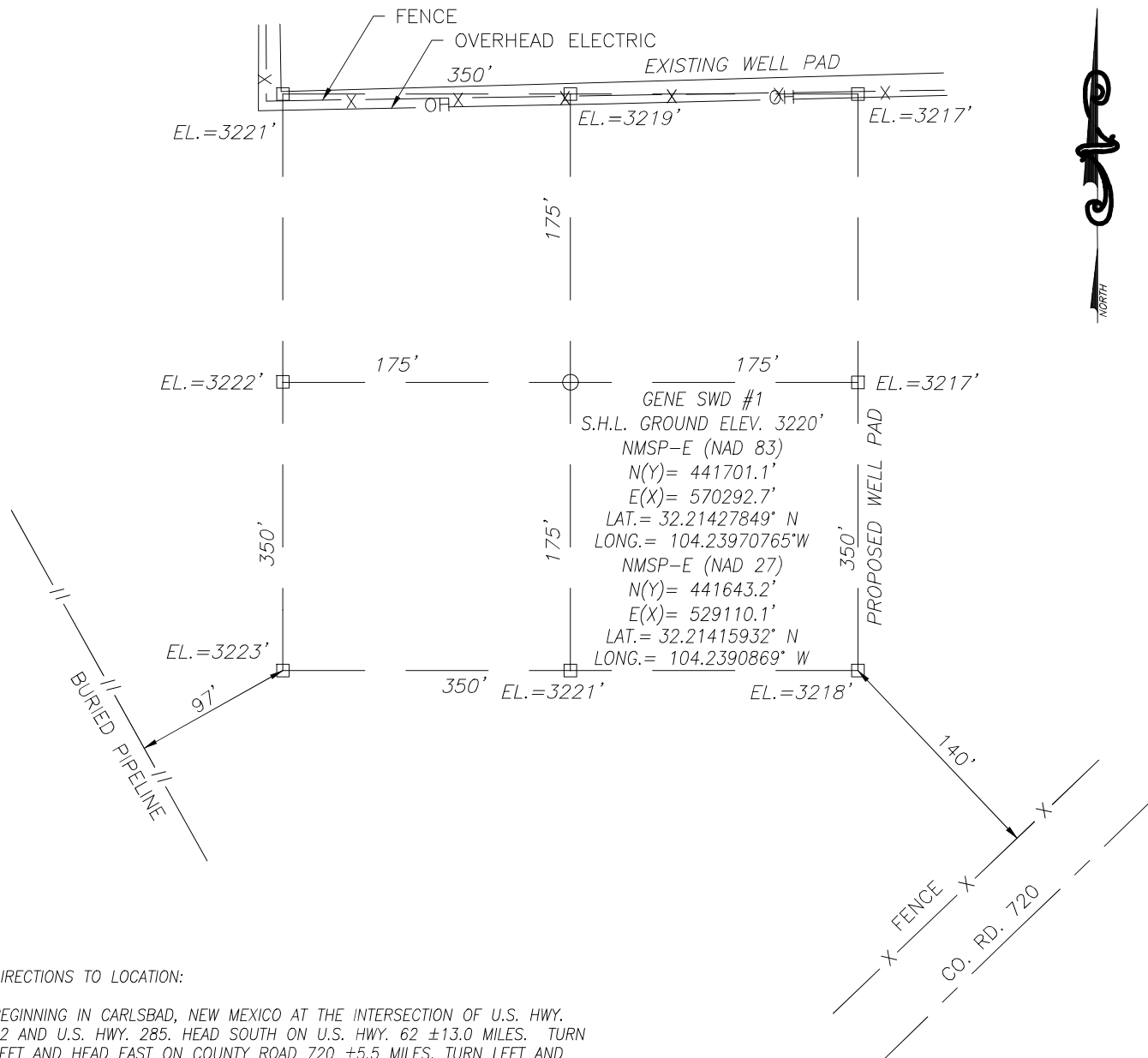
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.



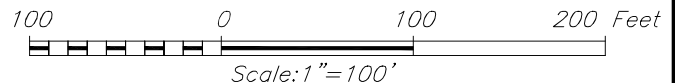
SECTION 13, TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN CARLSBAD, NEW MEXICO AT THE INTERSECTION OF U.S. HWY. 62 AND U.S. HWY. 285. HEAD SOUTH ON U.S. HWY. 62 ±13.0 MILES. TURN LEFT AND HEAD EAST ON COUNTY ROAD 720 ±5.5 MILES. TURN LEFT AND HEAD NORTH ON ACCESS ROAD ±120 FEET. THE WELL STAKED LOCATION FLAG IS WEST ±450 FEET.

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



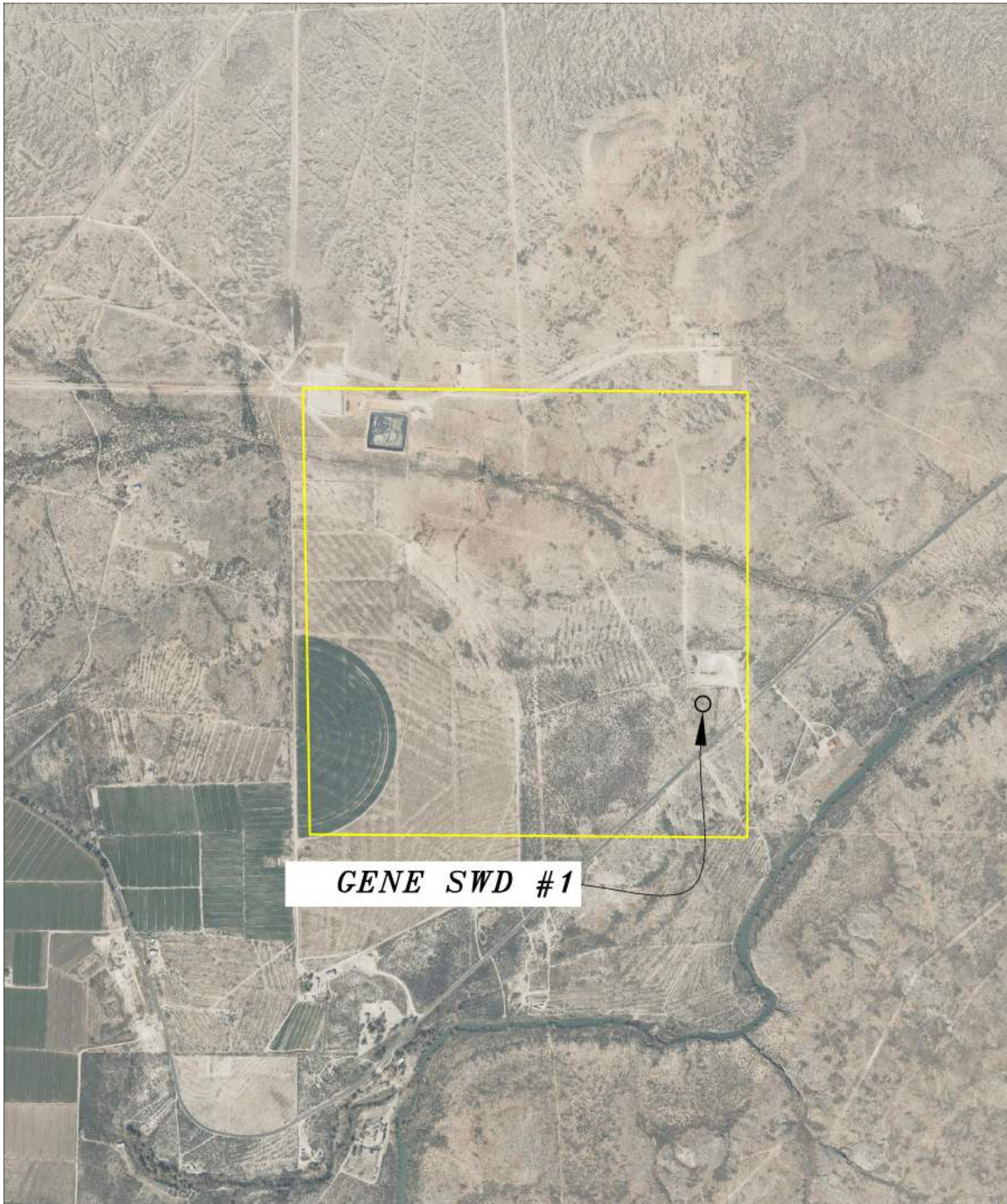
DOWNTOWN DESIGN SERVICES, INC.
16 EAST 16th STREET, SUITE 400
TULSA, OK 74119
Tel: 918-592-3374 Fax: 918-221-3940
www.ddsiglobal.com

SOLARIS WATER MIDSTREAM, LLC.

GENE SWD #1
LOCATED 1,603 FEET FROM THE SOUTH LINE
AND 534 FEET FROM THE EAST LINE OF SECTION 13,
TOWNSHIP 24 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

SURVEY DATE: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
FILE: GENE SWD #1	

VICINITY MAP



SEC. 13 TWP. 24-S RGE. 26-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1,603' F.S.L. & 534' F.E.L.
 N.A.V.D. 88 ELEVATION 3220'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE GENE SWD #1
 U.S.G.S. TOPOGRAPHIC MAP
EDDY, N.M.

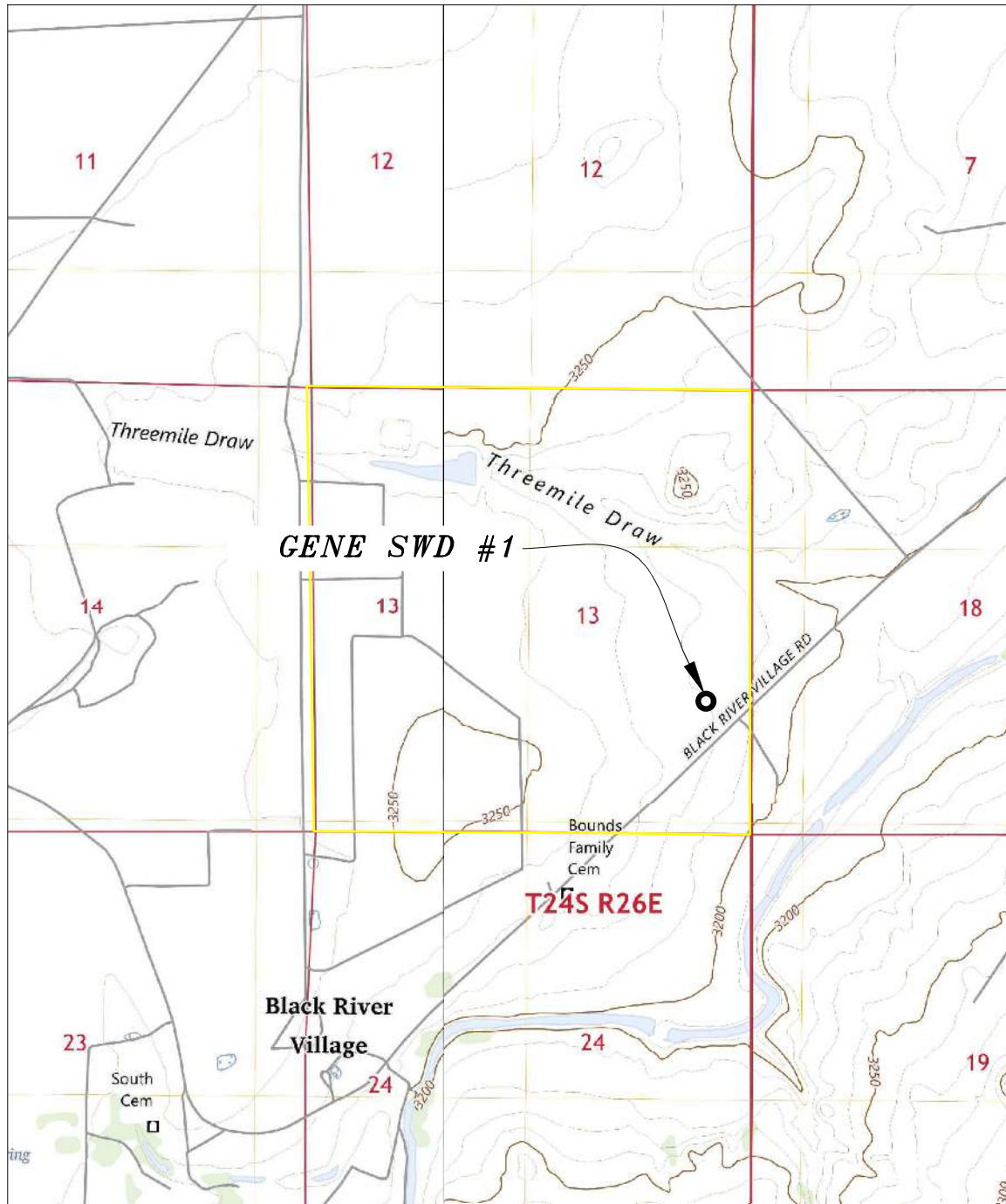
SCALE: 1" = 2000'

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

SOLARIS WATER MIDSTREAM, LLC.

SURVEY DATE: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
FILE: GENE SWD#1	

LOCATION VERIFICATION MAP



CONTOUR INTERVAL: 10'

SEC. 13 TWP. 24-S RGE. 26-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1,603' F.S.L. & 534' F.E.L.
 N.A.V.D. 88 ELEVATION 3220'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE GENE 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: MAR. 17, 2025	PAGE: 1 OF 1
DRAFTING DATE: MAR. 19, 2025	
APPROVED BY: MCR	DRAWN BY: TJA
	FILE: GENE SWD#1



WELL SCHEMATIC - PROPOSED Gene SWD #1

API 30-015-xxxxx

1603' FSL & 534' FEL, SEC. 13-24S-R26E
EDDY COUNTY, NEW MEXICO

SWD; Bell Canyon-Cherry Canyon (96802)

Spud Date: ~9/15/2025

Config SWD Dt: ~10/01/2025

Injection Pressure Regulated
and Volumes Reported
410 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).

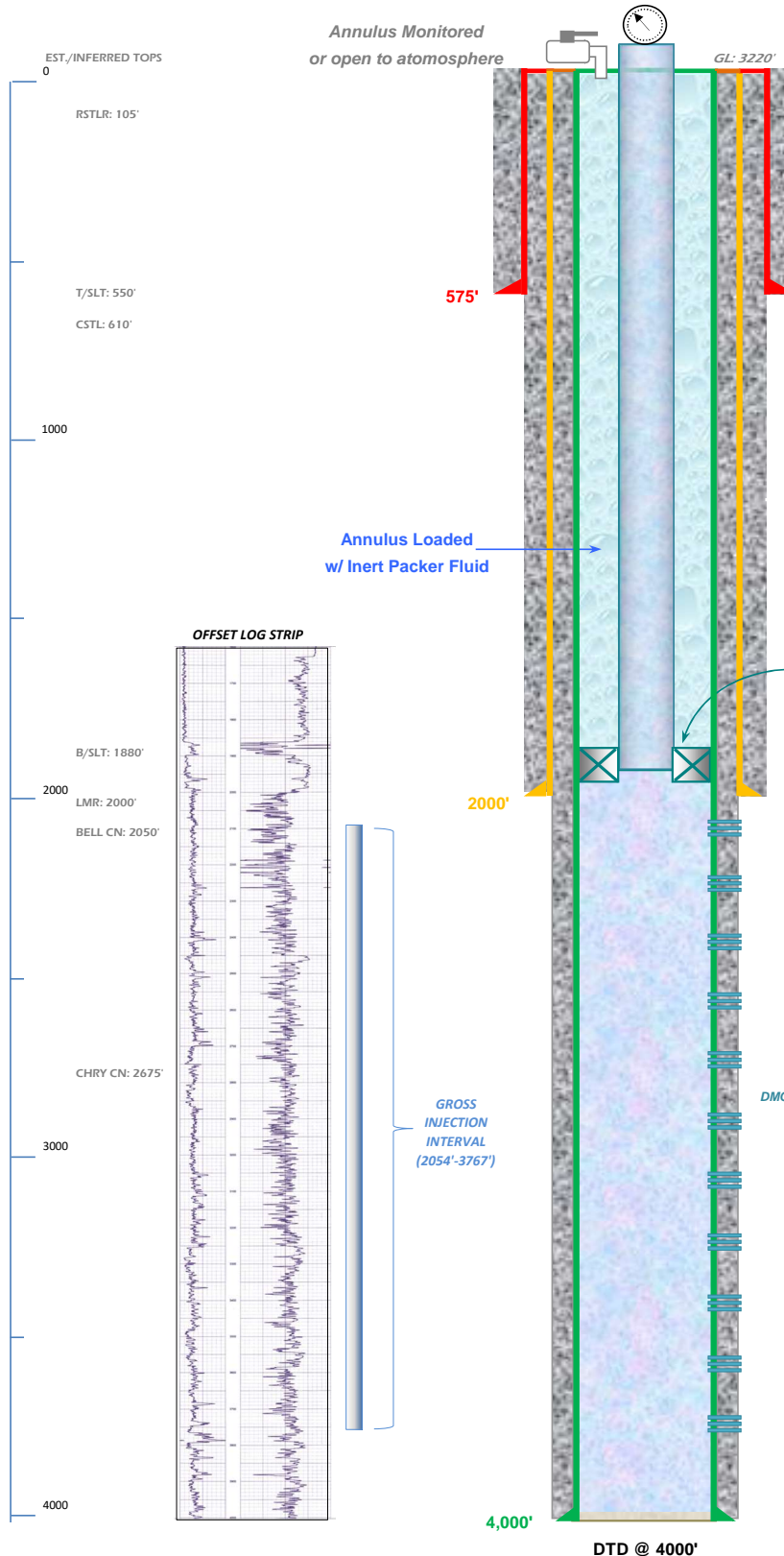
Perforate select intervals w/ 4-8 jsfp.

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 ~1954'+

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

Intermediate Casing9.625", 36.0# J-55 Csg. (12.25" Hole) @ 2000'
475 sx - Circulated to Surface

DMG Perfs - 2054'-3767'

Bell Canyon & Cherry Canyon Selectively Perforated

Production Casing7.625", 29.7# P-110 Csg. (8.75" Hole) @ 4,000';
375 sx 'C' - Calc'd to Circ.

Drawn by: Ben Stone, 4/20/2025



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

Item III - Subject Well Data

(New Drill)

Wellbore Diagram – PROPOSED

Item IV – Tabulation of AOR Wells

2 Wells Penetrate the Proposed Injection Interval, No (1) P&A

<i>Well</i>	<i>Status</i>	<i>Completion</i>
Solaris Water Midstream Hood SWD #1 - 30-015-44851	Active	Devonian SWD; 13.375" @ 515 w/ 450 sx, 9.625" @ 9038' w/ 1980 sx; Circ.
Pre-Ongard Operator C.A. Martin #1	P&A-R	DA in October 1951; Dry hole to 2100'. Filled w/ cement & mud. <i>P&A Diagram follows section...</i>

Item V – Area of Review Maps

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

2. One-Half Mile AOR Map

P&A Schematic 30-015-00404

All Above Exhibits follow this page...

C-108 - Items III, IV, V

Item III - Subject Well Data

(New Drill)

Wellbore Diagram – PROPOSED

Item IV – Tabulation of AOR Wells

2 Wells Penetrate the Proposed Injection Interval, No (1) P&A

<i>Well</i>	<i>Status</i>	<i>Completion</i>
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Item V – Area of Review Maps

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

2. One-Half Mile AOR Map

P&A Schematic 30-015-00404

All Above Exhibits follow this page...

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

Gene 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 (Split Estate, Fee Surface, BLM Minerals)

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 primarily be tied into existing Solaris infrastructure currently utilized by the Hood SWD #1 (SWD-1732) located nearby, to the northeast of this site. *(Solaris may opt to have an onsite truck facility for limited access if needed.)*

The Gene 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.

Any tanks will be equipped with telemetry devices and visual alarms to alert the operator and customers of full tanks or an overflow situation.

Anticipated daily maximum volume is 18,500 bpd and an average of 12,500 bpd at a maximum surface injection pressure of 410 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 VIII

Geologic Information

Geologic Exhibits for the Gene SWD Prospect Include:

- **Geologic Narrative Description**
- **Formation [Prog] Tops**
- **Index Map**
- **Local Cross Section**
- **Structure maps:**
 - o Lamar*
 - o Bell Canyon*
 - o Cherry Canyon*
 - o Brushy Canyon*
 - o Bone Spring*
- **Isopach maps:**
 - o Lamar*
 - o Bell Canyon*
 - o Cherry Canyon*
 - o Brushy Canyon*
 - o Injection interval (Bell + Cherry)*

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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 480820

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 480820
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
erica.gordan	None	7/16/2025