

# Protested SWD Application

By Colgate Operating, LLC and  
Permian Resources Operating, LLC  
Received 2/23/2026

**From:** [Dana S. Hardy](#)  
**To:** [Engineer, OCD, EMNRD](#)  
**Cc:** [Dana S. Hardy](#); [Jaclyn M. McLean](#)  
**Subject:** [EXTERNAL] Coterra Harmon 7 SWD #1 - Colgate/Permian Resources Objection  
**Date:** Monday, February 23, 2026 1:35:07 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[Coterra - Application for SWD - Hamon 7 SWD 1.pdf](#)

You don't often get email from [dhardy@hardymclean.com](mailto:dhardy@hardymclean.com). [Learn why this is important](#)

**CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.**

Good afternoon,

I'm writing on behalf of Colgate Production and Permian Resources Operating to object to the attached application for authorization to inject into the Harmon 7 SWD #1. Colgate and Permian Resources are affected parties entitled to notice of the application and have concerns regarding the proposed well.

Please let me know if you have any questions.

Best,  
Dana



**Dana S. Hardy**  
Senior Managing Partner

Phone: 505-230-4426

Email: [dhardy@hardymclean.com](mailto:dhardy@hardymclean.com)

Web [www.hardymclean.com](http://www.hardymclean.com)

125 Lincoln Avenue, Suite 223, Santa Fe, NM 87501



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**From:** [Sandoval, Stacy, EMNRD](#)  
**To:** [phillip.levasseur@coterra.com](mailto:phillip.levasseur@coterra.com); [dhardy@hardymclean.com](mailto:dhardy@hardymclean.com)  
**Cc:** [Goetze, Phillip, EMNRD](#); [Harris, Anthony, EMNRD](#); [Dougi, Delilah, EMNRD](#); [Chavez, Carl, EMNRD](#); [Cordero, Gilbert, EMNRD](#); [Powell, Brandon, EMNRD](#)  
**Subject:** Hamon 7 SWD No. 1, Unit L, Section 7, Township 20 South, Range 34 East, Lea County, New Mexico SWD Notice of Protest  
**Date:** Friday, March 6, 2026 10:05:00 AM  
**Attachments:** [image001.png](#)

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Greetings Mr. Levasseur,

On February 23, 2026, Colgate Operating, LLC and Permian Resources Operating, LLC notified the New Mexico Oil Conservation Division (“OCD”) that it is protesting the following SWD permit request application of Coterra Energy Operating Co. for disposal:

- Hamon 7 SWD No. 1, Unit L, Section 7, Township 20 South, Range 34 East, Lea County, New Mexico

Colgate Operating, LLC and Permian Resources Operating, LLC are identified as affected persons for the referenced application. For the application to proceed, Coterra Energy Operating Co. has two options: either resolve the matter with the protesting parties or go to hearing before the Division. If the protest is withdrawn, then the application could be processed administratively. Meanwhile, OCD will retain your application until a resolution is reached on the status of the submittals. If you have any questions, please don’t hesitate to reach out to the UIC group.

Thank you,  
Stacy Sandoval  
Petroleum Specialist  
[Stacy.Sandoval@emnrd.nm.gov](mailto:Stacy.Sandoval@emnrd.nm.gov)





Coterra Energy Inc.  
Permian Business Unit  
6001 Deauville Blvd  
Suite 300N  
Midland, TX 79706

T 432-571-7800  
F 432-571-7832  
coterra.com

February 11, 2026

Colegate Production LLC - Permian Resources  
300 N. Marienfeld St.  
Midland, TX 79701

**Re: C108 Application for SWD Well  
Coterra Energy Operating Co.  
OGRID #215099  
Hamon 7 SWD #1  
2220' FSL 466' FWL  
Section 7, T20S, Range 34E  
Lea County, New Mexico**

To Whom It May Concern:

This communication is being sent to you as a notice under NMOCD Rule 19.15.26.8 that Coterra Energy Operating Co. OGRID #215099 has applied for a permit from the New Mexico Oil Conservation Division (NMOCD) in Santa Fe, New Mexico for a salt water disposal well as referenced above.

Enclosed you will find a copy of the Coterra Energy Operating Co.'s Application for Authorization to Inject for the above referenced well. You are being sent a copy of this application per NMOCD's requirement to notify offset operators of record.

If you have any objection to this application, notification should be given to the NMOCD at 1220 South St. Francis Dr., Santa Fe, NM 87505 within 15 days of receipt of this communication.

Sincerely,

A handwritten signature in blue ink that reads 'Phillip G. Levasseur'.

Phillip G. Levasseur  
Regulatory Compliance Manager  
Coterra Energy Operating, Co.  
Phillip.Levasseur@coterra.com

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:** Coterra Energy Operating Co **OGRID Number:** 215099  
**Well Name:** Hamon 7 SWD I **API:** 30-025-XXXX  
**Pool:** SWD - Devonian-Silurian **Pool Code:** 97869

**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 (PROPORTION 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	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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.**

Phillip G. Levasseur  
 Print or Type Name

Signature

02/10/2026  
 Date

432-620-1642  
 Phone Number

phillip.levasseur@coterra.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: Disposal**  
Application qualifies for administrative approval? Yes
  - II. **OPERATOR: Coterra Energy Operating Co.**  
**ADDRESS: 6001 Deauville Blvd., Suite 300 N, Midland, TX 79706**  
**CONTACT PARTY: Phillip Levasseur      PHONE: 432.620.1642**
  - 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. See III and Attachment III
  - IV. Is this an expansion of an existing project? No
  - 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. See V and Attachment V.
  - 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. See V and Attachment V.
  - VII. Attach data on the proposed operation, including: See VII and Attachment VII.
    - 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. See VIII.
  - IX. Describe the proposed stimulation program, if any. See IX.
  - \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). See X.
  - \*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. See XI and Attachment XI.
  - 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. See XII and Attachment XII.
  - XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. Attachment XIII.
  - 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: Phillip G. Levasseur      TITLE: Regulatory Compliance Manager  
SIGNATURE: [Signature]      DATE: 02/10/2026  
E-MAIL ADDRESS: Phillip.Levasseur@Coterra.com
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

DISTRIBUTION: File Electronically via OCD Permitting

Side 2

**III. WELL DATA: See III and Attachment III**

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: See XIV and Attachment XIV.**

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**

See attached well data sheet, wellbore diagram, and well plat.

**IV**

*Is this an expansion of an existing project?*

No

**V**

See attached Area of Review analysis.

**VI**

There are no wells within the Area of Review that penetrate the Devonian formation (proposed injection zone).

**VII**

The attached plot plan and process flow diagram illustrate the proposed injection well facility and operations. This well is a proposed expansion to an existing produced water recycle facility.

1. The average injected volume anticipated is ~30,000 BWPD. The maximum injected volume anticipated is 50,000 BWPD. The proposed injection well will be monitored for flowrate compliance at surface with a flow meter measuring instantaneous injection rate and daily totals. The flow meter will alarm on high flow.
2. Injection will be through a closed system. Only the applicant/operator will use the facility and produced water will be sourced from the applicant/operator's fields.
3. The average injection pressure anticipated is ~1,000 psi. The proposed maximum allowable surface injection pressure (MASIP) is ~2,950 psi. The MASIP is based on a 0.2 psi/ft pressure gradient to the top of the injection interval at 14,750 feet TVD. The well will be monitored for tubing pressure compliance at surface with a pressure transmitter on top of the wellhead. The pressure transmitter will alarm on high pressure. The well will be monitored for casing pressure compliance at surface with pressure transmitter on each casing string. The pressure transmitters will alarm on high pressure.
4. Produced water for injection will be sourced from surrounding wells in the Wolfcamp, Bone Spring, and Avalon and Harkey Formations. These formation waters are known to be compatible with Devonian formation water. Representative produced water analyses from the area were sourced from the Coterra Spyglass Recycling Facility which contains the same water planned to be injected in the Hamon 7 SWD 1. Produced water for injection is characterized by salinity of approximately 170,000 mg/L. See attached Complete Injection Water Analysis.
5. The proposed injection zone does not produce oil or gas within one mile of the proposed injection well. Measurements of Devonian formation water were unavailable from the proposed wells or from within the area of review. Measurements of formation water quality within 15 miles of the proposed UIC well and deeper than 14,000 feet were obtained from the US Geological Survey Produced Waters Database (Blondes et al., 2023). A total of 14 measurements were obtained with these search parameters, all within the Devonian. The minimum formation water salinity from these measurements was 17,108 mg/L and the average salinity was 27,774 mg/L. See attached Formation Water Analyses.

Blondes, M.S., Knierim, K.J., Croke, M.R., Freeman, P.A., Doolan, C., Herzberg, A.S., and Shelton, J.L., 2023, U.S. Geological Survey National Produced Waters Geochemical Database (ver. 3.0, December 2023): U.S. Geological Survey data release, <https://doi.org/10.5066/P9DSRCZJ>.

## VIII

The proposed well will inject fluid into the Devonian-Silurian formations which are confined beneath the Upper Devonian Woodford Shale. The Devonian, which is the upper-most injection interval, is made up of dolomitic and limestone carbonates and chert. The Silurian below consists of dolomite. Below the injection interval lies the Upper Ordovician Montoya limestone, which provides underlying confinement for the injection zone. The proposed well will TD above the top of the Montoya.

The thick injection interval within the Devonian-Silurian formations allows for low injection pressure at high rates. The overlying Woodford Shale and the underlying Montoya limestone provide low permeability confining barriers to fluid migration, which will prevent fluid from accessing any USDWs.

<b>Stratigraphic Column Formation</b>	<b>TVD top (ft)</b>	<b>TVD bottom (ft)</b>	<b>Thickness (ft)</b>
<b>Rustler</b>	1490	1578	88
<b>A3</b>	1578	1688	110
<b>Tamarisk</b>	1688	1870	182
<b>Top Salt</b>	1870	3194	1324
<b>Base Slit</b>	3194	3323	129
<b>Yates</b>	3323	3856	533
<b>Seven Rivers</b>	N/A		
<b>Queen</b>	N/A		
<b>Capitan Reef</b>	3856	5490	1634
<b>Cherry Canyon</b>	5490	8000	2510
<b>Basal Brushy</b>	8000	8344	344
<b>Bone Spring</b>	8344	10910	2566
<b>Wolfcamp</b>	10910	11855	945
<b>Cisco</b>	11855	12205	350
<b>Strawn</b>	12205	12455	250
<b>Atoka</b>	12455	13065	610
<b>Morrow</b>	13065	14565	1500
<b>Woodford</b>	14565	14650	85
<b>Woodford Base</b>	14650	14750	100
<b>Devonian Silurian (Injection Zone)</b>	14750	16750	2000
<b>Montoya (Upper Ordovician)</b>			

Fresh water in the region around the proposed injection well is obtained from aquifers << 1,500 feet deep. According to the New Mexico Office of the State Engineer, the proposed injection well is located within the Capitan Groundwater Basin in Lea County, NM. Potable groundwater in this area of Lea County is derived from the Dockum Group (Triassic), Ogallala Formation (Pliocene), and Quaternary alluvium (Nicholson &

Clebsch, 1961). Potable ground water does not occur in or below the Rustler anhydrite layers of the Rustler formation at approximately 1,500 ft below ground surface (bgs). Well yields and permeability increase upwards with the majority of wells in the area screened in the Ogallala and Quaternary aquifers (Nicholson & Clebsch, 1961; ISC, 2016). Even in these shallow aquifers, salinity can exceed 3,000 mg/L TDS (Nicholson & Clebsch, 1961). Minor aquifers rarely used for non-human consumption in Lea County include the Rustler Formation (containing evaporites) and the Capitan Aquifer (Capitan Reef Formation), which produce poor quality water with TDS > 10,000 mg/L that is primarily used for secondary recovery of oil and stock watering (Leeshill-Herkenhoff, Inc., 2000; ISC, 2016). Deeper aquifers (up to ~8,000 feet bgs) have been explored but are not typically used due to inconsistent water quality and the significant depths at which they are found (McCoy & Peery, 2004). These aquifers have been utilized to source water for secondary oil recovery. The proposed injection zone is isolated from USDWs in the Triassic, Ogallala and Quaternary aquifers by > 13,000 feet of rock containing numerous low permeability and impermeable strata, including the confining zone formed by the Woodford Shale. There is no USDW below the injection zone.

Interstate Stream Commission (ISC). (2016). Lea County Regional Water Plan. New Mexico Office of the State Engineer.

Leedshill-Herkenhoff, Inc. (2000). Lea County Regional Water Plan. Lea County Water Users Association.

McCoy, A. and Peery, R. (2004). Lea County Deep Aquifer Study. Lea County Water Users Association.

Nicholson, A. and Clebsch, A. (1961). Geology and Ground-Water Conditions in Southern Lea County, New Mexico. Ground-Water Report 6, New Mexico Bureau of Mines and Mineral Resources.

## IX

The injection formation will be chemically stimulated before first injection with 10,000 – 15,000 gals of hydrochloric acid with a mutual solvent.

## X

Compensated neutron/gamma ray, resistivity, and density logs will be run from surface to TD upon well completion. All logs will be submitted to the NMOCD upon completion.

## XI

According to the New Mexico Office of the State Engineer, there are 2 fresh water wells within a 1-mile radius of the proposed well. See attached 1-mile radius water well map showing these wells. One of these wells was used for prospecting or development of natural resources and is recorded as a dry hole “backfilled with dirt”. The other well was a monitoring well that is also recorded as a dry hole and was plugged with drill cuttings and bentonite. Neither of these wells is active and no freshwater sample could be obtained.

## XII

Coterra Energy Operating Co. has examined available geologic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water. See the attached signed fault statement.

## XIII

Proof of notice and proof of publication are attached.

# Form C-108 Attachments

**FORM C-108 SECTION III  
WELL DATA SHEET**

Side 1

**INJECTION WELL DATA SHEET**

OPERATOR: Coterra Energy Operating Co.

WELL NAME & NUMBER: Hamon 7 SWD 1

WELL LOCATION: 2220' from South line, 466' from West line  
FOOTAGE LOCATION

L  
UNIT LETTER

7  
SECTION

20S  
TOWNSHIP

34E  
RANGE

WELLBORE SCHEMATIC  
See attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2"

Casing Size: 13-3/8"

Cemented with: 1263 sx.

Method Determined: Visual or Top  
Out

Top of Cement: Surface

Intermediate Casing

Hole Size: 12-1/4"

Casing Size: 9-5/8"

Cemented with: 1970 sx.

Method Determined: Visual or Log  
(CBL or Temp)

Top of Cement: Surface

Production Casing

Hole Size: 8-3/4"

Casing Size: 7-5/8"

Cemented with: 794 sx.

Method Determined: CBL

Top of Cement: 9,910'

Total Depth: 14,650'

Injection Interval

14,750 feet to 16,750 feet

Open Hole

Side 2

**INJECTION WELL DATA SHEET**

Tubing Size: 5-1/2" Lining Material: None

Type of Packer: Incoloy 925 Permanent Packer

Packer Setting Depth: 14,605 feet

Other Type of Tubing/Casing Seal (if applicable): N/A

**Additional Data**

1. Is this a new well drilled for injection? **Yes**
2. Name of the Injection Formation: **Devonian/Silurian – open hole completion**
3. Name of Field or Pool (if applicable): **SWD – Devonian-Silurian**
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

**No, new well for injection of produced water**

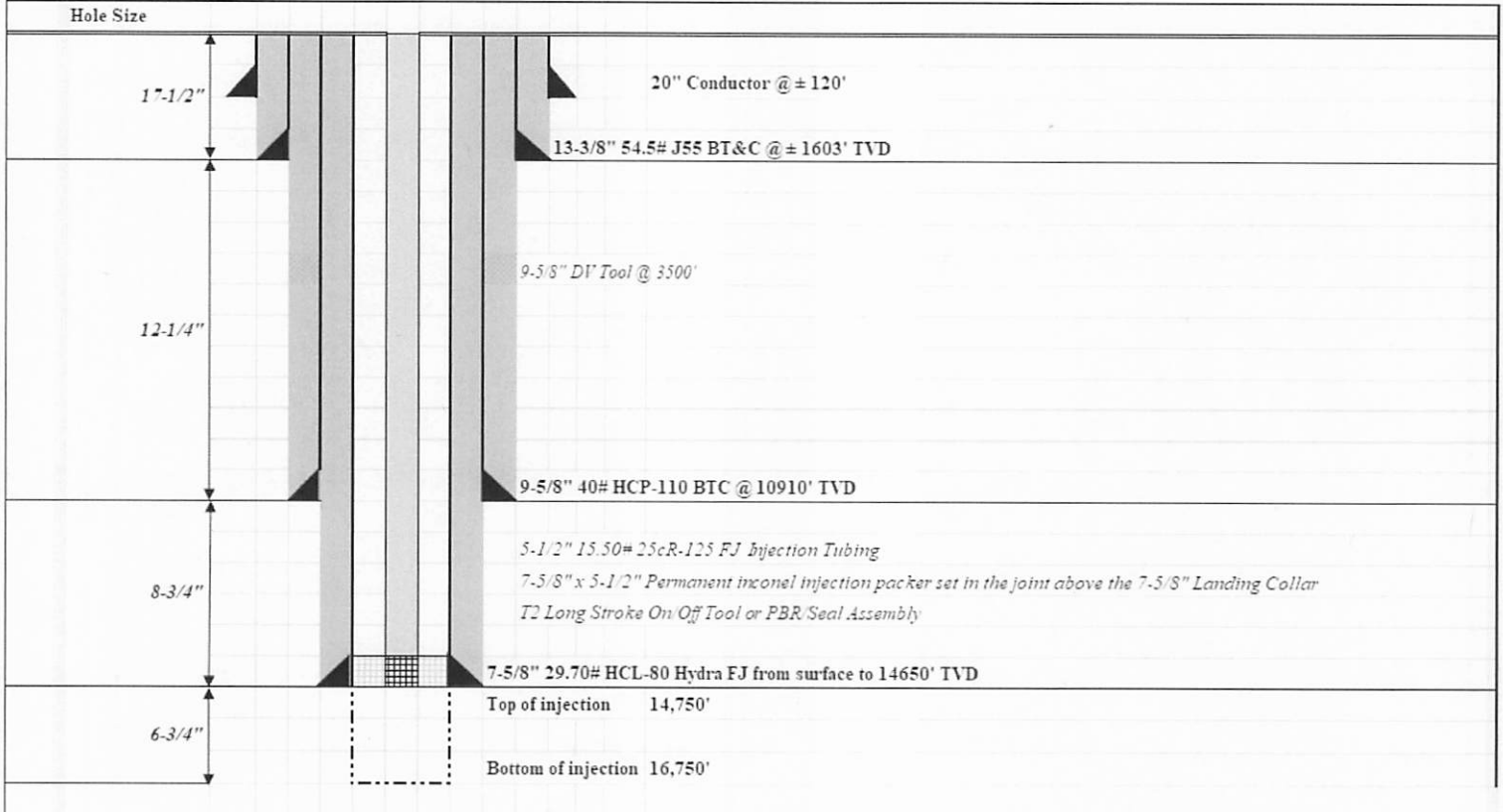
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Overlying potentially productive zones: **Delaware, Bone Spring, Wolfcamp, Strawn, Atoka and Morrow, all with tops above 14,750 feet TVD.**

Underlying potentially productive zones: **None**

**FORM C-108 SECTION III  
WELLBORE SCHEMATIC**

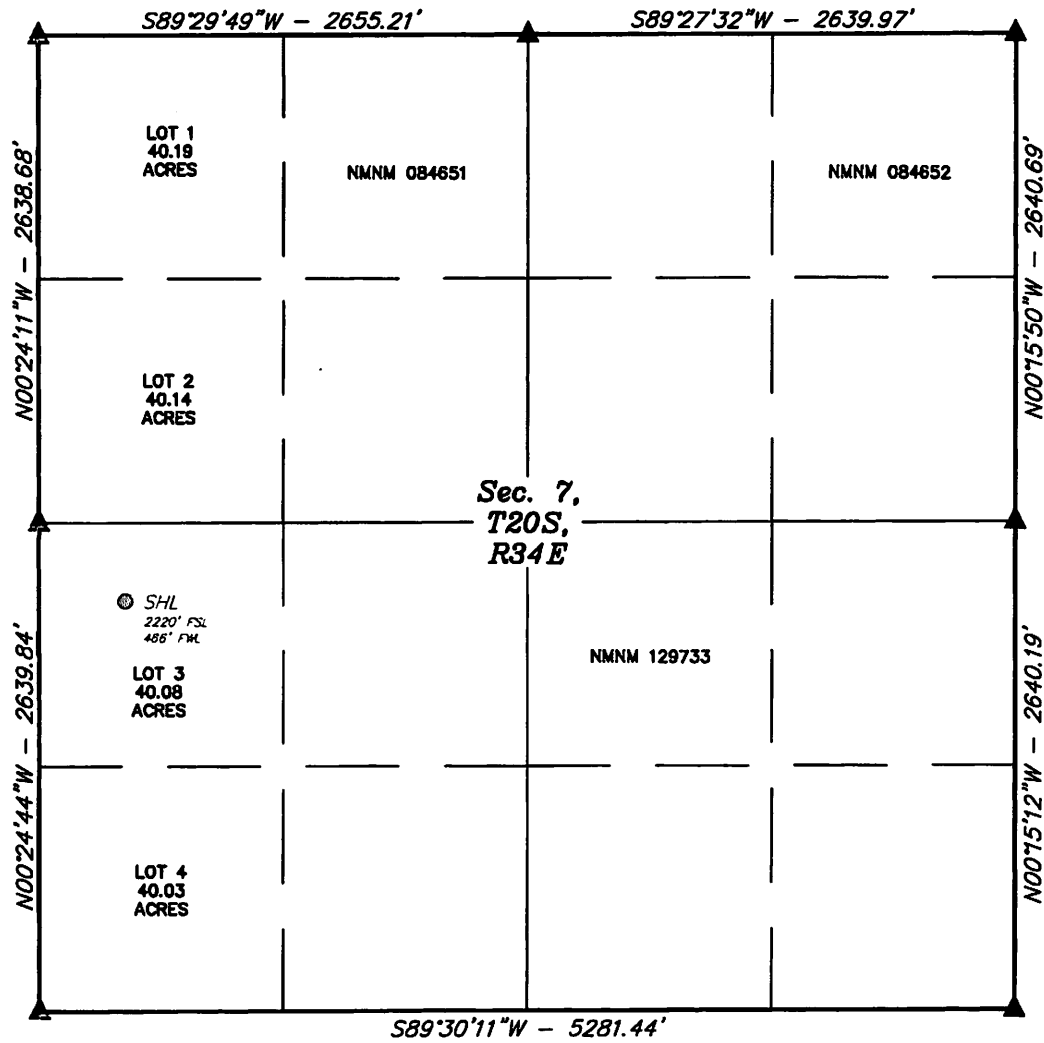
Hamon 7 SWD



**FORM C-108 SECTION III  
WELL PLAT**



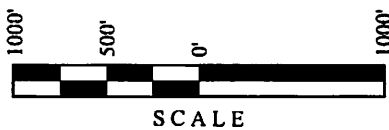
Property Name HAMON 7 SWD	Well Number 1	Drawn By H.S.S. 12-16-25	Revised By
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**NOTE:**

- Distances referenced on plat to section lines are perpendicular.
- Bearings, distances, coordinates and acreage are based on the New Mexico coordinate grid system of 1983, East Zone, in U.S. Feet.
- Colored areas within section lines represent Federal oil & gas leases.

⊙ = SURFACE HOLE LOCATION  
 ▲ = SECTION CORNER LOCATED



<b>NAD 83 (SURFACE HOLE LOCATION)</b>
LATITUDE = 32°35'11.31" (32.586474°)
LONGITUDE = -103°36'24.05" (-103.606682°)
<b>NAD 27 (SURFACE HOLE LOCATION)</b>
LATITUDE = 32°35'10.86" (32.586351°)
LONGITUDE = -103°36'22.28" (-103.606189°)
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 577854.25' E: 765147.81'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 577791.63' E: 723967.15'

**FORM C-108 SECTION V  
AREA OF REVIEW OWNERSHIP AND LEASE MAP**



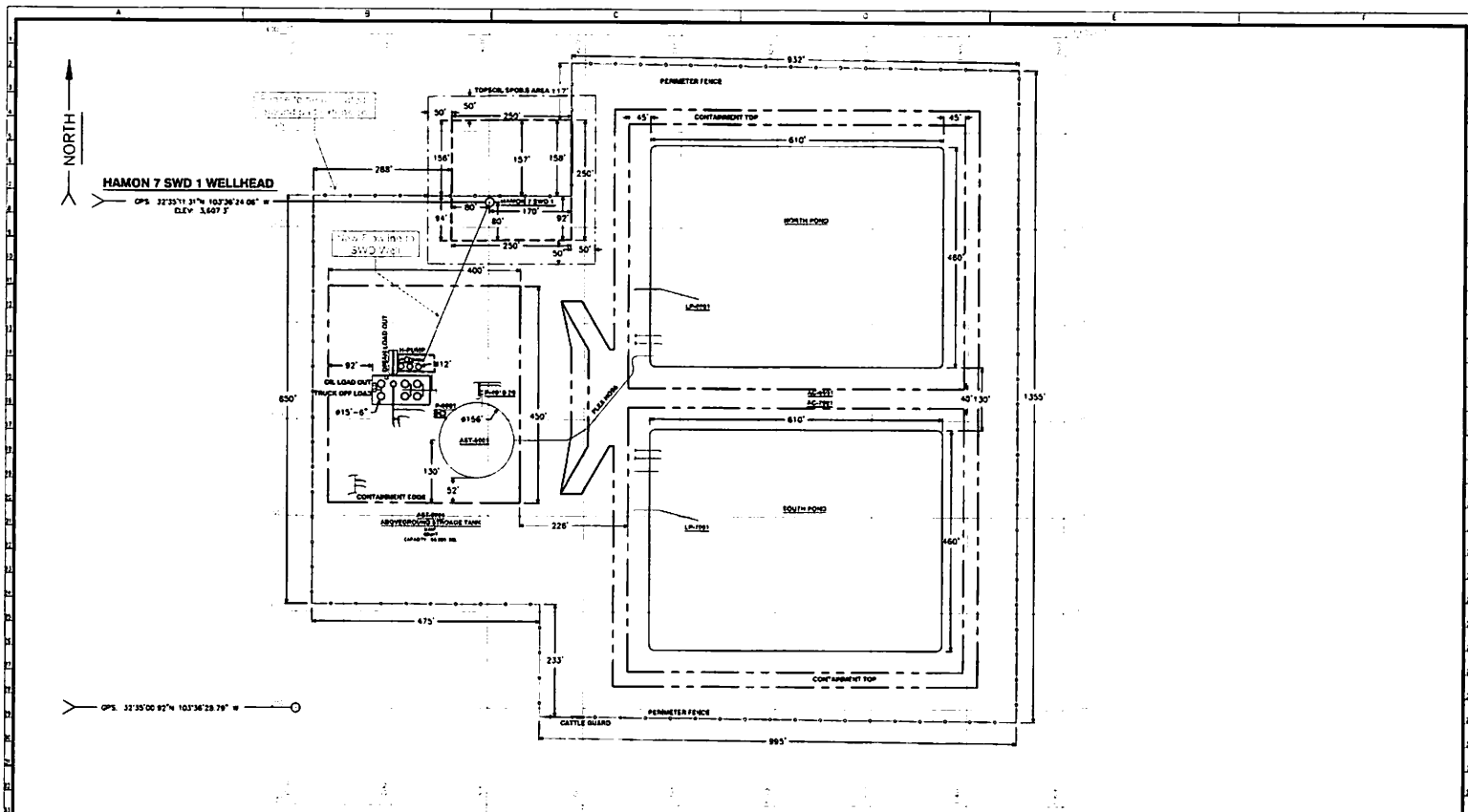
**FORM C-108 SECTION V  
AREA OF REVIEW WELL MAP**



**FORM C-108 SECTION V  
AREA OF REVIEW WELL LIST**



**FORM C-108 SECTION VII  
FACILITY PLOT PLAN**



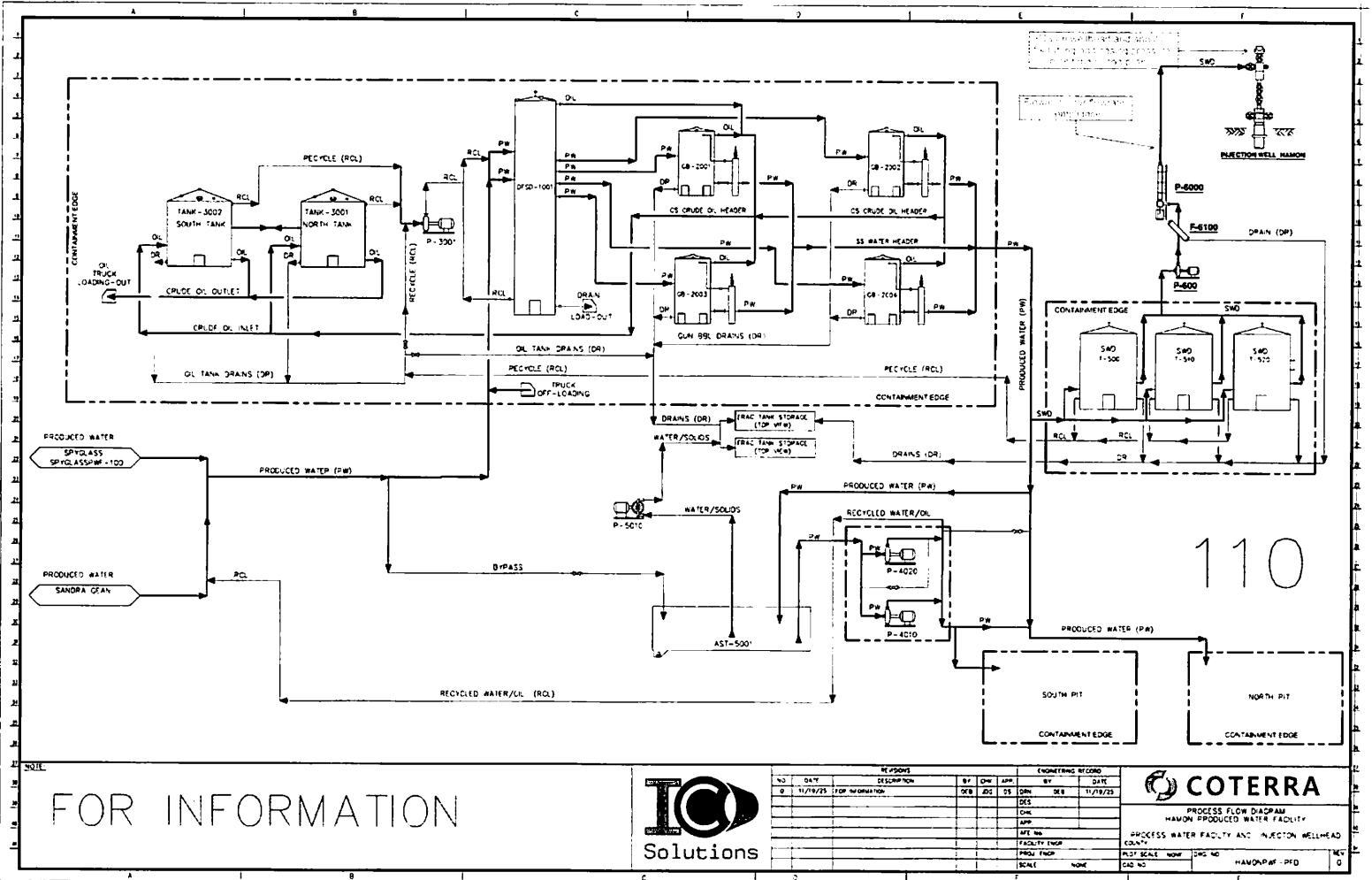
NOTE:  
 \* FLOW LINES ARE NOT TO SCALE

REFERENCE DRAWINGS			REVISIONS		
NO.	DATE	DESCRIPTION	BY	CHK	APP
0	1/7/28	SURVEY UPDATE	SEB	JOC	DS



ENGINEERING RECORD		COTERRA	
BY	DATE	HAMON PRODUCED WATER FACILITY	
DSN	DSB	1500-17500'	
DES		POND AND WELLHEAD PLOT PLAN	
CHK			
APP			
DATE			
FACILITY ENGR	TSO	COUNTY	STATE
PROJ ENGR	UNKNOWN	PLOT SCALE	NONE
SCALE	NONE	DWG NO	HAMONPW-PP
		CAD NO	
			REV 0

**FORM C-108 SECTION VII  
PROCESS FLOW DIAGRAM**



FOR INFORMATION



REV'S		BY				DATE			
NO	DATE	DESCRIPTION	BY	CHK	APP	BY	CHK	APP	DATE
0	11/19/25	FOR INFORMATION	DCB	JDS	SS	DCB	DCB	SS	11/19/25

**COTERRA**

PROCESS FLOW DIAGRAM  
HAMON PRODUCED WATER FACILITY  
PROCESS WATER FACILITY AND INJECTION WELLHEAD  
COUNTY

PROJ: ENGR  
SCALE: NONE  
PLT: SCALE: NONE  
DWG NO: HAMON/PW/PFD  
REV: 0

**FORM C-108 SECTION VII  
COMPLETE INJECTION WATER ANALYSIS**



OLA  
3302 Pilot Ave.  
Midland, Texas 79706  
432-789-1860



Report Date:

4/8/2025

Complete Water Analysis Report

OLA Customer:	Aureus Energy	Account Rep:	Victor Pimentel
Operator:	Coterra	Sample ID:	01250401002-001
Location:	Spyglass Pit	Sample Date:	3/31/2025
Sample Point:	POND	Received Date:	4/1/2025
Region:	Delaware Basin	Log Out Date:	4/8/2025
Customer Address:	710 Lone Tree Circle, Nunn CO 80648	Analysis Date (TM-101):	04-08-2025 11:13:00 AM

Aureus Energy, Coterra, Spyglass Pit,POND

Field Data		Analysis of Sample											
		Anions:		mg/L		meq/L		Cations*:		mg/L		meq/L	
Initial Temperature (°F):	190	Chloride (Cl <sup>-</sup> ):	109000	3074.8	Sodium (Na <sup>+</sup> ):	55898	2432.5	Potassium (K <sup>+</sup> ):	> 1,200	> 30.7			
Final Temperature (°F):	80	Sulfate (SO <sub>4</sub> <sup>2-</sup> ):	550	11.5	Magnesium (Mg <sup>2+</sup> ):	770	63.4	Calcium (Ca <sup>2+</sup> ):	4374	218.3			
Initial Pressure (psi):	1250	Bicarbonate (HCO <sub>3</sub> <sup>-</sup> ):	354	5.8	Strontium (Sr <sup>2+</sup> ):	367	8.4	Barium (Ba <sup>2+</sup> ):	1.1	0.0			
Final Pressure (psi):	15	Carbonate (CO <sub>3</sub> <sup>2-</sup> ):	ND		Iron (Fe, Total):	2.8	0.1	Manganese (Mn <sup>2+</sup> ):	0.4	0.0			
Dissolved Gases		Hydroxide (OH <sup>-</sup> ):	ND		Lead (Pb <sup>2+</sup> ):	ND		Zinc (Zn <sup>2+</sup> ):	0.1	0.0			
Dissolved CO <sub>2</sub> (ppm):	250	Phosphate (PO <sub>4</sub> <sup>3-</sup> ):	3.7	0.1	Lithium (Li <sup>+</sup> ):	29.0	4.2	Aluminum (Al <sup>3+</sup> ):	ND				
Dissolved H <sub>2</sub> S (ppm):	6.8	Borate (H <sub>2</sub> BO <sub>3</sub> ):	123	2.0	Chromium (Cr <sup>2+</sup> ):	ND		Method:					
Sample Parameters		Silica (SiO <sub>2</sub> ):	23.2	0.4	TM-101								
pH:	6.2	Anion EPM Total:		3094	Cation EPM Total:		2757						
Calculated TDS (mg/L):	172911	% RPD of Cations/Anions:		11.5%	ND = Not Detected								
Calculated Density (g/cm <sup>3</sup> ):	1.1130	N/A - Not Analyzed											
Total Hardness (mg/L CaCO <sub>3</sub> ):	14519												
Total Alkalinity (mg/L CaCO <sub>3</sub> ):	290												

Conditions		Barite (BaSO <sub>4</sub> )		Calcite (CaCO <sub>3</sub> )		Gypsum (CaSO <sub>4</sub> ·2H <sub>2</sub> O)		Anhydrite (CaSO <sub>4</sub> )	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	0.18	0.210	0.73	43.719	-0.61	0.000	-0.87	0.000
92°F	152 psi	0.07	0.093	0.75	45.220	-0.62	0.000	-0.80	0.000
104°F	289 psi	-0.03	0.000	0.78	46.691	-0.63	0.000	-0.72	0.000
117°F	427 psi	-0.11	0.000	0.81	48.159	-0.63	0.000	-0.66	0.000
129°F	564 psi	-0.19	0.000	0.84	49.674	-0.64	0.000	-0.59	0.000
141°F	701 psi	-0.25	0.000	0.87	51.262	-0.64	0.000	-0.53	0.000
153°F	838 psi	-0.31	0.000	0.91	52.936	-0.64	0.000	-0.47	0.000
166°F	976 psi	-0.37	0.000	0.95	54.700	-0.65	0.000	-0.41	0.000
178°F	1113 psi	-0.41	0.000	0.99	56.552	-0.66	0.000	-0.35	0.000
190°F	1250 psi	-0.45	0.000	1.03	58.482	-0.67	0.000	-0.30	0.000

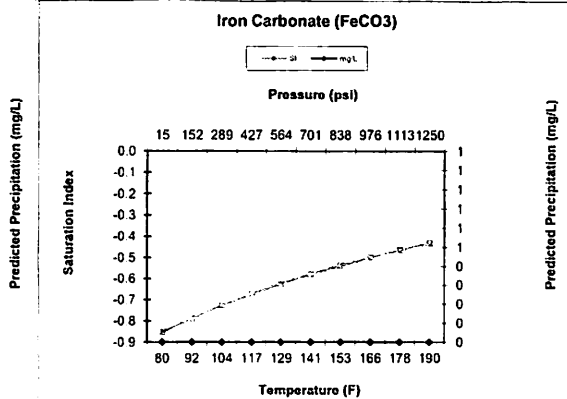
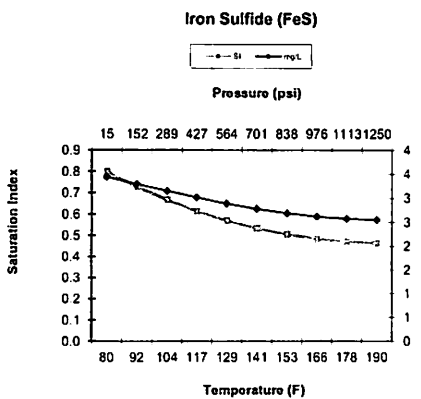
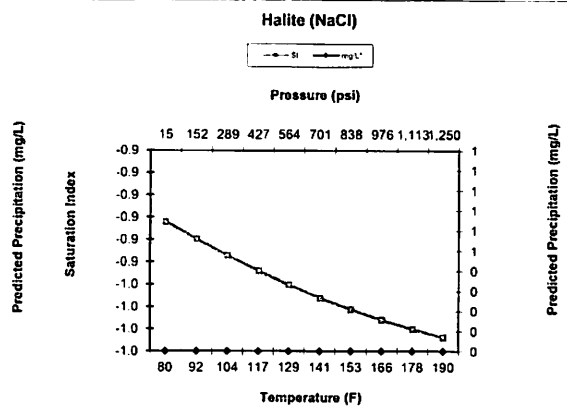
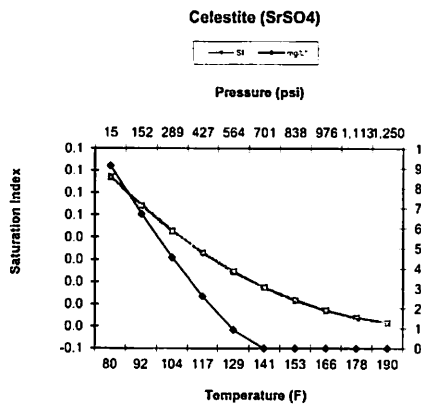
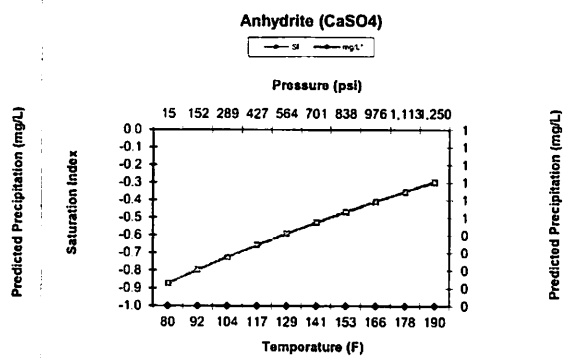
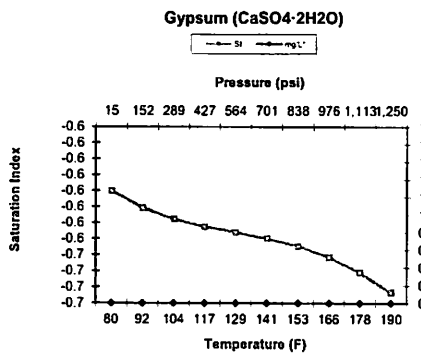
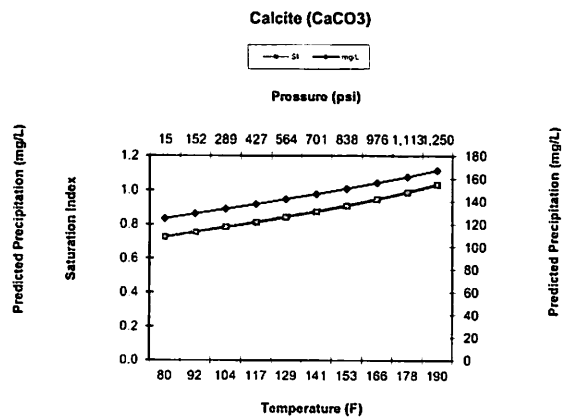
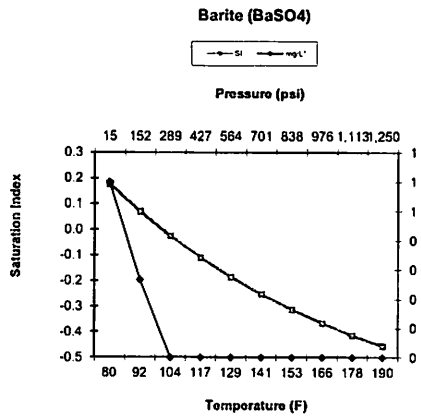
Conditions		Celestite (SrSO <sub>4</sub> )		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate (FeCO <sub>3</sub> )	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	0.09	31.901	-0.92	0.000	0.80	1.204	-0.85	0.000
92°F	152 psi	0.07	23.471	-0.93	0.000	0.73	1.153	-0.79	0.000
104°F	289 psi	0.05	15.880	-0.94	0.000	0.67	1.103	-0.73	0.000
117°F	427 psi	0.03	9.137	-0.94	0.000	0.61	1.055	-0.67	0.000
129°F	564 psi	0.01	3.247	-0.95	0.000	0.57	1.010	-0.62	0.000
141°F	701 psi	0.00	0.000	-0.96	0.000	0.53	0.972	-0.58	0.000
153°F	838 psi	-0.02	0.000	-0.96	0.000	0.51	0.940	-0.54	0.000
166°F	976 psi	-0.03	0.000	-0.97	0.000	0.48	0.916	-0.50	0.000
178°F	1113 psi	-0.03	0.000	-0.97	0.000	0.47	0.900	-0.46	0.000
190°F	1250 psi	-0.04	0.000	-0.97	0.000	0.46	0.892	-0.43	0.000

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.  
 Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales.  
 Note 3: Saturation index predictions on this sheet use pH and alkalinity. %CO<sub>2</sub> is not included in the calculations.  
 \*Results only relate to the sample received and tested. Only Cations by TM-101 is accredited to ISO 17025.

Authorized By Grace Hight

Comments:

Sample ID: 01250401002-001 Aureus Energy, Coterra, Spyglass Pit,POND



**FORM C-108 SECTION VII  
FORMATION WATER ANALYSES**



**FORM C-108 SECTION XI  
WATER WELL MAP**



**FORM C-108 SECTION XI  
WATER WELL LIST**

Water Right File	Owner	Address	City	State	Zip	Contact Last Name	Contact First Name	Latitude	Longitude	Database Link	Start Date	Finish Date	Plug Date	Well Depth (ft)	Groundwater Type	Use
CP-00750	Tco Prod.	P.O. Box 692 Tatum	NM			28267 Water Well Service	Clerna	32.582154	-103.597461	<a href="#">https://www.water.nm.gov/portal/secure/lookup/water-right/CP-00750</a>	6/20/1990	6/20/1990		320	Dry	Preceding or development of natural resources
CP-02041	Dela Logistics Companies	Po Box 3841 Hobbs	NM			82241 Hawley	James	32.581374	-103.593333	<a href="#">https://www.water.nm.gov/portal/secure/lookup/water-right/CP-02041</a>	11/21/2024	11/21/2024	11/27/2024	195	Dry	Monitoring well

**FORM C-108 SECTION XII  
STATEMENT OF NO THROUGH-GOING FAULTS**



Coterra Energy Operating Co.  
Permian Business Unit  
6001 Deauville Blvd  
Suite 300N  
Midland, TX 79706

T 432-620-1682  
coterra.com

December 1, 2025

Item XII. Affirmative Statement

Re: C-108 Application for Authorization to Inject  
Coterra Energy Operating Co.  
Hamon 7 SWD 1  
2220' FSL 466' FWL  
Sec 7, T20S, R34E  
Lea County, NM

Coterra Energy Operating Co. has examined available geologic and engineering data and finds no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

A handwritten signature in black ink, appearing to read "Staci Frey".

Staci Frey  
Senior Geophysicist  
Coterra Energy Operating Co.

**FORM C-108 SECTION XIII  
PROOF OF NOTICE AND PUBLICATION**

**Statement of Notifications**

Coterra Energy Operating Co. has mailed notifications to the affected persons listed below by US Postal Service Certified Mail (see attached receipts).

**Hamon 7 SWD #1 - Affected Persons within 1/2 mile Notification List**

Date Sent	Certified Mail Number	To	To Address line	To City	To State	To Zip
2/5/2026	9407 1118 9876 5438 5476 41	MOMENTUM OPERATING CO INC	224 S Main St	Albany	TX	76430
2/5/2026	9407 1118 9876 5438 5476 89	COLGATE PRODUCTION LLC -Permian Resources	300 N. Mariefeld St. St #1000	Midland	TX	79701
2/5/2026	9407 1118 9876 5438 5476 72	COG OPERATING LLC	600 W. Illinois Ave	Midland	TX	79701
2/5/2026	9407 1118 9876 5438 5471 15	B & J OPERATING Co.	P.O. Box 1478	Pampa	TX	79086
2/5/2026	9407 1118 9876 5438 5471 53	Kenneth Smith Inc.	267 Smith Ranch Road	Hobbs	NM	88240
2/5/2026	9407 1118 9876 5438 5471 22	Bureau of Land Management	520 E. Greene St. Carlsbad	Carlsbad	NM	88220

Confidential

Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

**\$6.91 US POSTAGE**  
FIRST-CLASS IMI  
Feb 05 2026  
Mailed from ZIP 79706  
4 OZ FIRST-CLASS MAIL LETTER  
RATE  
ZONE 3  
11923275



endicia

063S0011718298

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**USPS CERTIFIED MAIL**



9407 1118 9876 5438 5476 41

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MOMENTUM OPERATING CO INC  
224 S MAIN ST  
ALBANY TX 76430



Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

**\$6.91 US POSTAGE**  
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**USPS CERTIFIED MAIL**



**9407 1118 9876 5438 5476 89**

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COLGATE PRODUCTION LLC -Permian Resources  
300 N MARIENFELD ST STE 1000  
MIDLAND TX 79701-4688



Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

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**USPS CERTIFIED MAIL**



**9407 1118 9876 5438 5476 72**

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COG OPERATING LLC  
600 W ILLINOIS AVE  
MIDLAND TX 79701-4882



Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

**\$6.91 US POSTAGE**  
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**USPS CERTIFIED MAIL**



**9407 1118 9876 5438 5471 15**

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B & J OPERATING Co.  
PO BOX 1478  
PAMPA TX 79066-1478



Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

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Feb 05 2026  
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**USPS CERTIFIED MAIL**



**9407 1118 9876 5438 5471 53**

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Kenneth Smith Inc.  
267 SMITH RANCH RD  
HOBBS NM 88240-8514



Coterra Energy  
Shelly Bowen  
6001 DEAUVILLE STE 300N  
MIDLAND TX 79706-2671

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11923275



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**USPS CERTIFIED MAIL**



**9407 1118 9876 5438 5471 22**

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Bureau of Land Management  
520 E GREENE ST  
CARLSBAD NM 88220-6218

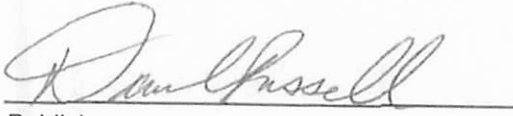


# Affidavit of Publication

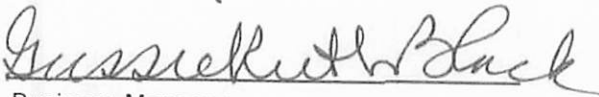
STATE OF NEW MEXICO  
COUNTY OF LEA

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  
February 03, 2026  
and ending with the issue dated  
February 03, 2026.

  
\_\_\_\_\_  
Publisher

Sworn and subscribed to before me this  
3rd day of February 2026.

  
\_\_\_\_\_  
Business Manager

My commission expires  
January 29, 2027

(Seal) STATE OF NEW MEXICO  
NOTARY PUBLIC  
GUSSIE RUTH BLACK  
COMMISSION # 1087526  
COMMISSION EXPIRES 01/29/2027

**LEGALS**  
**LEGAL NOTICE**  
**February 3, 2026**  
Coterra Energy, Inc. (6001 Deauville Blvd. Suite 300N, Midland, TX 79706), phone 432-620-1642, attn. Phillip Levasseur, has filed Form C-108 (Application for Authorization for Injection) with the New Mexico Oil Conservation Division seeking approval to drill a commercial salt water disposal well in Lea County, New Mexico. The proposed well, the Hamon 7 SWD #1, is located 2220' FSL & 466' FWL, Unit L, Section 7, Township 20 South, Range 34 East, NMPM, approximately 21 mi SE of Maljamar, NM. The well will dispose of water produced from nearby oil and gas wells into the Devonian and Silurian formations from a depth of 14,750 feet to 16,750 feet. The maximum expected injection rate is 50,000 BWPD at a maximum surface injection pressure of 2,950 psi. Interested parties with objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 within 15 days.  
**#00308072**

67117508

00308072

GEORGE STARCK  
COTERRA ENERGY  
3 MEMORIAL CITY PLAZA  
840 GESSNER RD STE 1400  
HOUSTON, TX 77024

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.

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 560621

**CONDITIONS**

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 560621
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

**CONDITIONS**

Created By	Condition	Condition Date
stacy.sandoval	None	3/6/2026