

AE Order Number Banner

Application Number: pDZD2605457736

Initial Application Part I

SWD-2691

Coterra Energy Operating Co.[215099]

Received: 2/16/2026

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: Spyglass 17 SWD 1 **API:** 30-025-XXXXX
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 (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

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

- 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

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

02/10/2026
Date

432-620-1642
Phone Number

Phillip G. Levasseur
Signature

Phillip.Levasseur@coterra.com
e-mail address

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: Phillip G. Levasseur 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.

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 ~2,962 psi. The MASIP is based on a 0.2 psi/ft pressure gradient to the top of the injection interval at 14,810 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 Spyglass 17 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 26,309 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.

Stratigraphic Column

Formation	TVD top (ft)	TVD bottom (ft)	Thickness (ft)
Rustler	1370	1450	80
A3	1450	1540	90
Tamarisk	1540	1668	128
Top Salt	1668	2898	1230
Base Sl	2898	3110	212
Yates	3110	3550	440
Seven Rivers	3550	4100	550
Queen	4100	4448	348
Capitan Reef	4448	4990	542
Cherry Canyon	4990	7280	2290
Basal Brushy	7280	7650	370
Bone Spring	7650	10813	3163
Wolfcamp	10813	11813	1000
Cisco	11813	12128	315
Strawn	12128	12448	320
Atoka	12448	13028	580
Morrow	13028	14558	1530
Woodford	14558	14708	150
Woodford Base	14708	14810	102
Devonian-Silurian (Injection Zone)	14810	16810	2000
Montoya (Upper Ordovician)			

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.

Leeshill-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 is 1 freshwater well within a 1-mile radius of the proposed well. See attached 1-mile radius water well map showing this well. This well is a livestock watering well and is not actively used per the water rights declarant and is inaccessible. Access to the well for sampling could not be obtained and no freshwater sample was taken

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: Spyglass 17 SWD 1

WELL LOCATION: 1964' from North line, 950' from West line
FOOTAGE LOCATION

F
UNIT LETTER

17
SECTION

19S
TOWNSHIP

33E
RANGE

WELLBORE SCHEMATIC

See attached

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2"

Casing Size: 13-3/8"

Cemented with: 1162 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: 1966 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: 820 sx.

Top of Cement: 9,813'

Method Determined: CBL

Total Depth: 14,708'

Injection Interval

14,810 feet to 16,810 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: 14,663 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

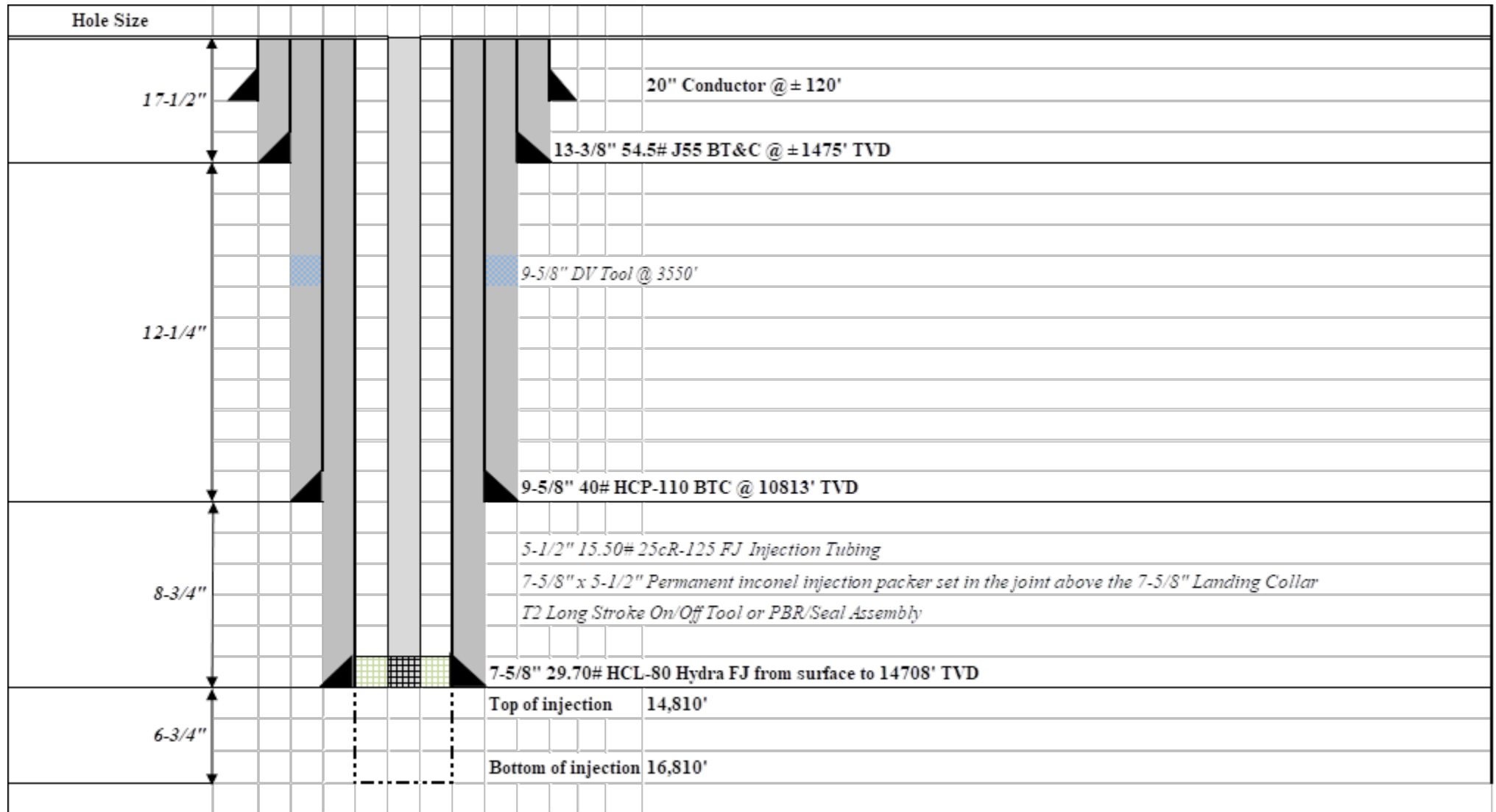
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

Overlying potentially productive zones: **Delaware, Bone Spring, Wolfcamp, Strawn, Atoka and Morrow, all with tops above 14,810 feet TVD.**

Underlying potentially productive zones: **None**

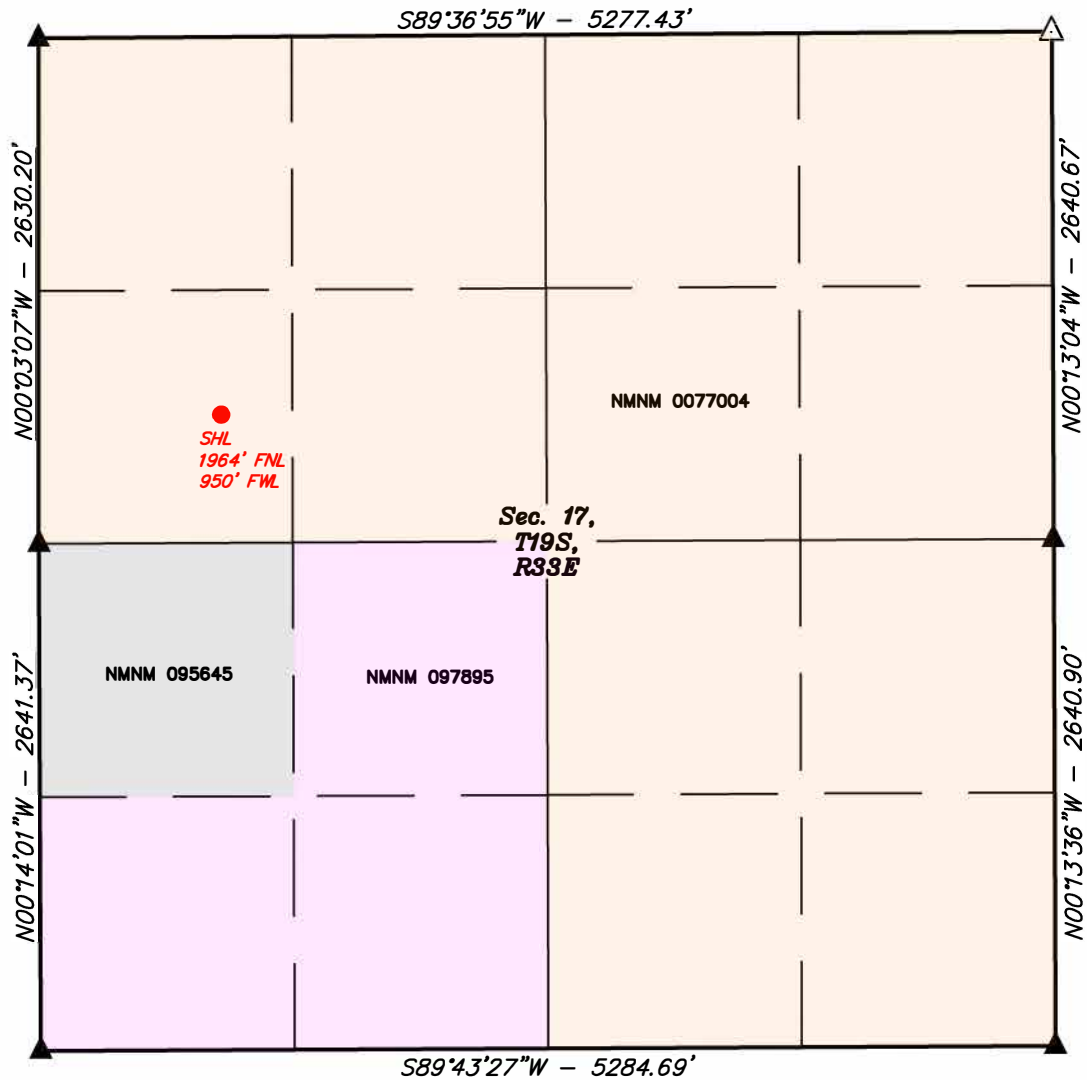
**FORM C-108 SECTION III
WELLBORE SCHEMATIC**

Spyglass 17 SWD



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

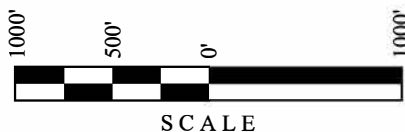
Property Name SPYGLASS 17 SWD	Well Number 1	Drawn By T.I.R. 12-09-25	Revised By
----------------------------------	------------------	-----------------------------	------------



NOTE:

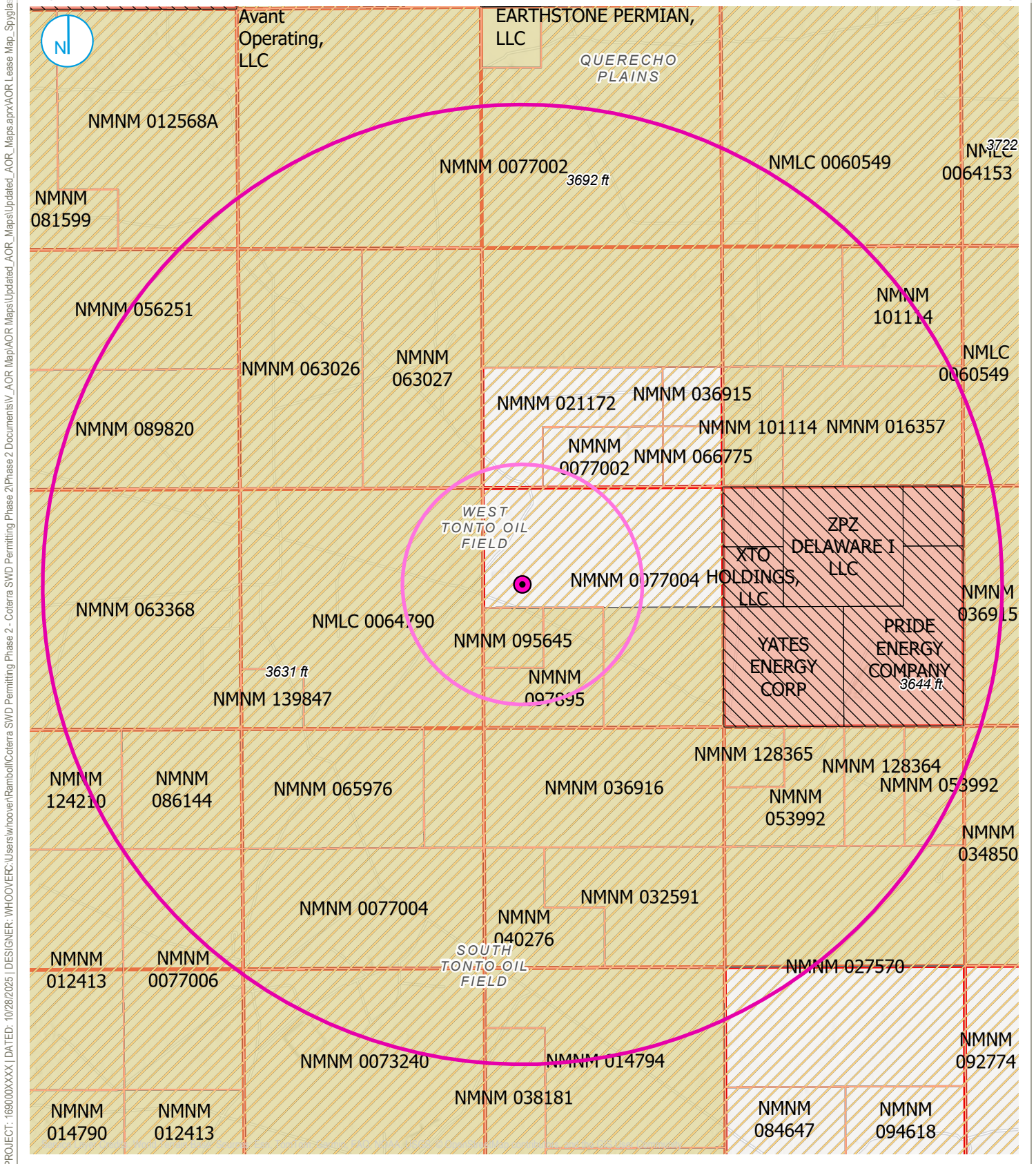
- Distances referenced on plat to section lines are perpendicular.
- Bearings, distances, coordinates and acreage are based on the New Mexico coordinate grid system of 1983, East Zone, in U.S. Feet.
- Colored areas within section lines represent Federal oil & gas leases.
- Section breakdown information may be obtained from Uintah Engineering & Land Surveying.

- = SURFACE HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER RE-ESTABLISHED.
(Not Set on Ground.)



NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°39'43.71" (32.662142°)
LONGITUDE = -103°41'26.61" (-103.690726°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°39'43.27" (32.662020°)
LONGITUDE = -103°41'24.82" (-103.690228°)
STATE PLANE NAD 83 (N.M. EAST)
N: 605216.63' E: 739094.90'
STATE PLANE NAD 27 (N.M. EAST)
N: 605153.45' E: 697915.27'

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



- Spyglass**
- Spyglass 17 SWD #1
 - Area of review
 - 2 mile radius
- State Oil and Gas Leases**
- Active
 - Authorized BLM Oil and Gas Leases
 - Authorized

- Surface Management Agency**
- US Bureau of Land Management
 - Private
 - State of New Mexico
- OCD District**
- Hobbs
- PLSS**
- First Division
 - Township

OWNERSHIP & LEASES
AREA OF REVIEW

FIGURE V (a)

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

Spyglass 17 SWD #1
Coterra Energy
Lea County, New Mexico



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

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

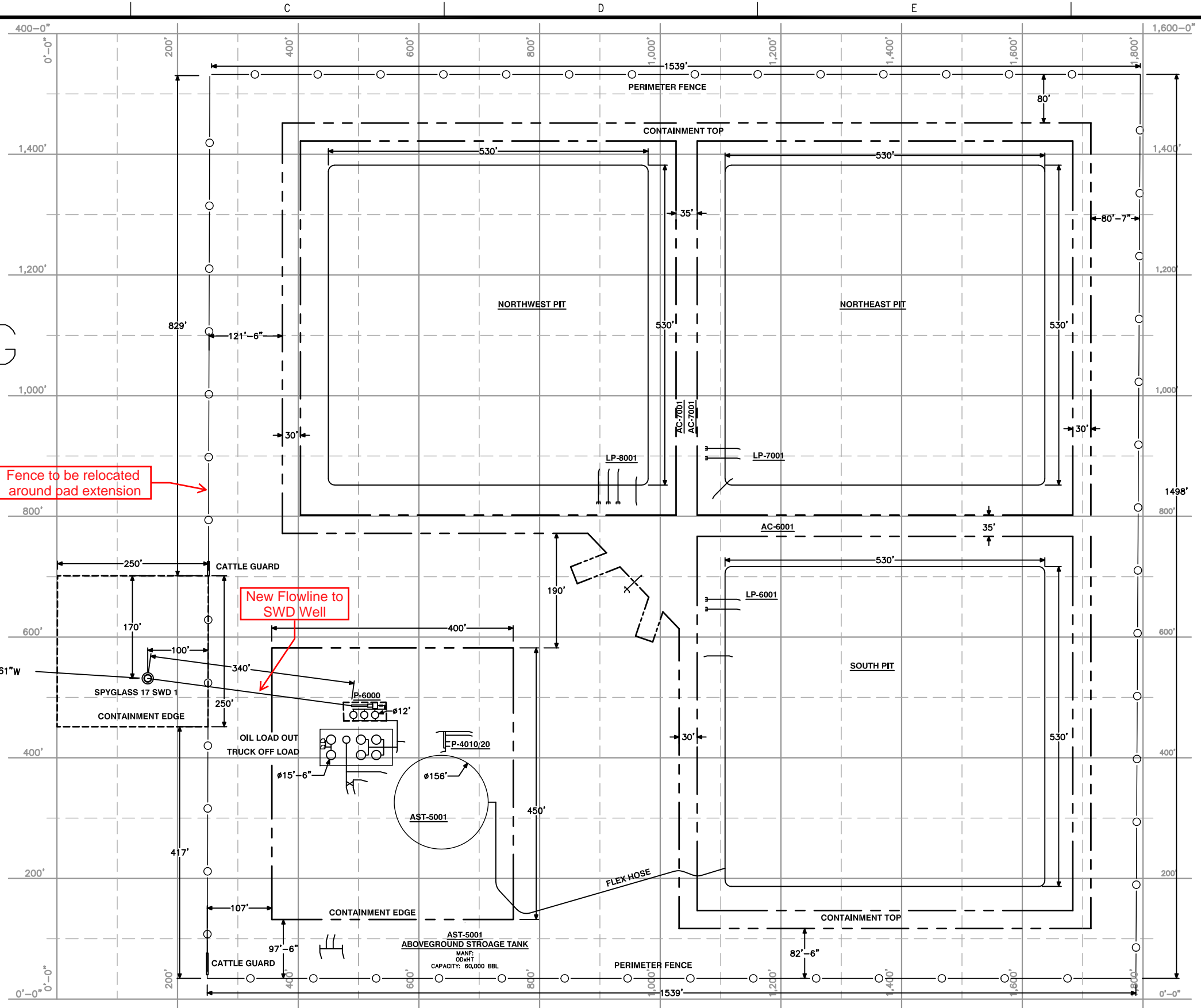
Table V (b): Spyness 17 SWD #1 - Wells within the 1-mile area of review

API Number	Current Operator	Well Name	Well Number	Well Type	Well Direction	Well Status	Section	Township	Range	OCD Unit	Surface Location (NAD83)			MD (feet)	TVD (feet)
											Latitude	Longitude	Formation		
30-025-01672	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#005	Oil		Plugged (site released)	18	19S	33E	K	32.658454900000002	-103.7045441		0	3345
30-025-01669	MACK ENERGY CORP	FEDERAL 18	#002	Oil	Vertical	Plugged (site released)	18	19S	33E	F	32.662075000000002	-103.7045441	YATES	3275	3275
30-025-01673	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#006	Oil		Plugged (site released)	18	19S	33E	C	32.664794899999997	-103.7045288		0	3330
30-025-23668	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		Cancelled	18	19S	33E	J	32.658446200000000	-103.7003104		0	0
30-025-33818	CHI OPERATING INC	MUSTANG FEDERAL	#002	Oil		Cancelled	18	19S	33E	O	32.654287480000001	-103.700322		0	0
30-025-33309	G and C Operating, LLC	PALADIN FEDERAL	#004	Oil	Vertical	Active	19	19S	33E	B	32.652099600000000	-103.7002945	DELAWARE	7858	7858
30-025-26469	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Gas		Plugged (site released)	18	19S	33E	B	32.665698999999996	-103.700264	PENN	0	13670
30-025-01670	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#003	Oil		Plugged (site released)	18	19S	33E	G	32.662071200000000	-103.7002716	YATES	0	3283
30-025-20699	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#008	Oil		Plugged (site released)	18	19S	33E	A	32.664791100000002	-103.6970444		0	3330
30-025-33845	CHI OPERATING INC	MUSTANG FEDERAL	#004	Oil		Cancelled	19	19S	33E	A	32.651187559999997	-103.6970976		0	0
30-025-33834	CHI OPERATING INC	MUSTANG FEDERAL	#003	Oil		Cancelled	18	19S	33E	P	32.654284789999998	-103.6963388		0	0
30-025-39160	MEWBOURNE OIL CO	NORTE 19 FEDERAL COM	#001	Gas	Vertical	Active	19	19S	33E	H	32.648468000000001	-103.6961823	BONE SPRING	13760	13760
30-025-01671	Spur Energy Partners LLC	FEDERAL 18	#004	Salt Water Disposal	Vertical	Active	18	19S	33E	H	32.662067399999998	-103.6959839	YATES	3450	3450
30-025-41255	MEWBOURNE OIL CO	EXCALIBUR 17 MP FEDERAL COM	#001H	Oil	Horizontal	Active	17	19S	33E	M	32.654376999999997	-103.6937943	BONE SPRING	14475	9909
30-025-39870	MEWBOURNE OIL CO	SPYGLASS 17 FEDERAL COM	#001H	Oil	Horizontal	Active	17	19S	33E	E	32.661636399999999	-103.6927643	BONE SPRING	14249	9966
30-025-41701	MEWBOURNE OIL CO	EXCALIBUR 17 LI FEDERAL COM	#001H	Oil	Horizontal	Active	17	19S	33E	L	32.657676700000003	-103.6931686	BONE SPRING	14400	9967
30-025-40185	MEWBOURNE OIL CO	SPYGLASS 17 FEDERAL	#002H	Oil	Horizontal	Active	17	19S	33E	D	32.665691400000000	-103.692749	BONE SPRING	14414	9973
30-025-39998	CIMAREX ENERGY CO. OF COLORADO	NORTH MADURO FEDERAL UNIT	#004H	Oil	Horizontal	Active	20	19S	33E	D	32.651187899999996	-103.6925354	BONE SPRING	14275	9939
30-025-24624	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		Plugged (site released)	17	19S	33E	L	32.658447299999999	-103.6927719		0	3500
30-025-45391	DKL Field Services, LLC	KODAK SWD	#001	Salt Water Disposal	Vertical	New	09	19S	33E	M	32.669561000000002	-103.691277	DEVONIAN	0	0
30-025-01664	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		Plugged (site released)	08	19S	33E	L	32.672950700000001	-103.691658		0	3591
30-025-30546	YATES ENERGY CORP	HUDSON FEDERAL	#001	Oil	Vertical	Plugged (site released)	17	19S	33E	G	32.662056000000000	-103.6831131	WOLFCAMP	99999	13720
30-025-29880	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		Cancelled	17	19S	33E	H	32.662051069999997	-103.679911		0	0
30-025-01667	PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL	#001	Oil		Plugged (site released)	17	19S	33E	P	32.654796599999997	-103.6788483		0	4295
30-025-36543	CHEVRON U S A INC	EXCALIBUR 17 FEDERAL	#001	Gas	Vertical	Plugged (site released)	17	19S	33E	P	32.655345900000000	-103.6788406	MORROW	13745	13745
30-025-53641	MEWBOURNE OIL CO	SPANISH BAY 18 19 FEDERAL COM	#416H	Oil	Horizontal	New	18	19S	33E	B	32.666999500000003	-103.6985921	BONE SPRING	0	0
30-025-53642	MEWBOURNE OIL CO	SPANISH BAY 18 19 FEDERAL COM	#526H	Oil	Horizontal	New	18	19S	33E	B	32.666999699999998	-103.698657	BONE SPRING	0	0
30-025-53655	MEWBOURNE OIL CO	SPANISH BAY 18 19 FEDERAL COM	#528H	Oil	Horizontal	New	18	19S	33E	B	32.666998999999997	-103.6985271	BONE SPRING	0	0
30-025-53716	MEWBOURNE OIL CO	SPANISH BAY 18 19 FEDERAL COM	#418H	Oil	Horizontal	New	18	19S	33E	B	32.666998700000001	-103.6984621	BONE SPRING	0	0

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



SPYGLASS WATER PROCESSING AND SWD



Fence to be relocated around pad extension

New Flowline to SWD Well

GPS: 32°39'43.71"N 103°41'26.61"W

NOTE:
1. FLOW LINES ARE NOT TO SCALE

REFERENCE DRAWINGS		REVISIONS					
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.
0		0	12/18/25	FOR INFORMATION	DEB	JDG	DS



ENGINEERING RECORD	
BY	DATE
DRN: DEB	12/1/25
DES:	
CHK:	
APP:	
AFE No.	
FACILITY ENGR.	TBD
PROJ. ENGR:	UNKNOWN
SCALE:	NONE



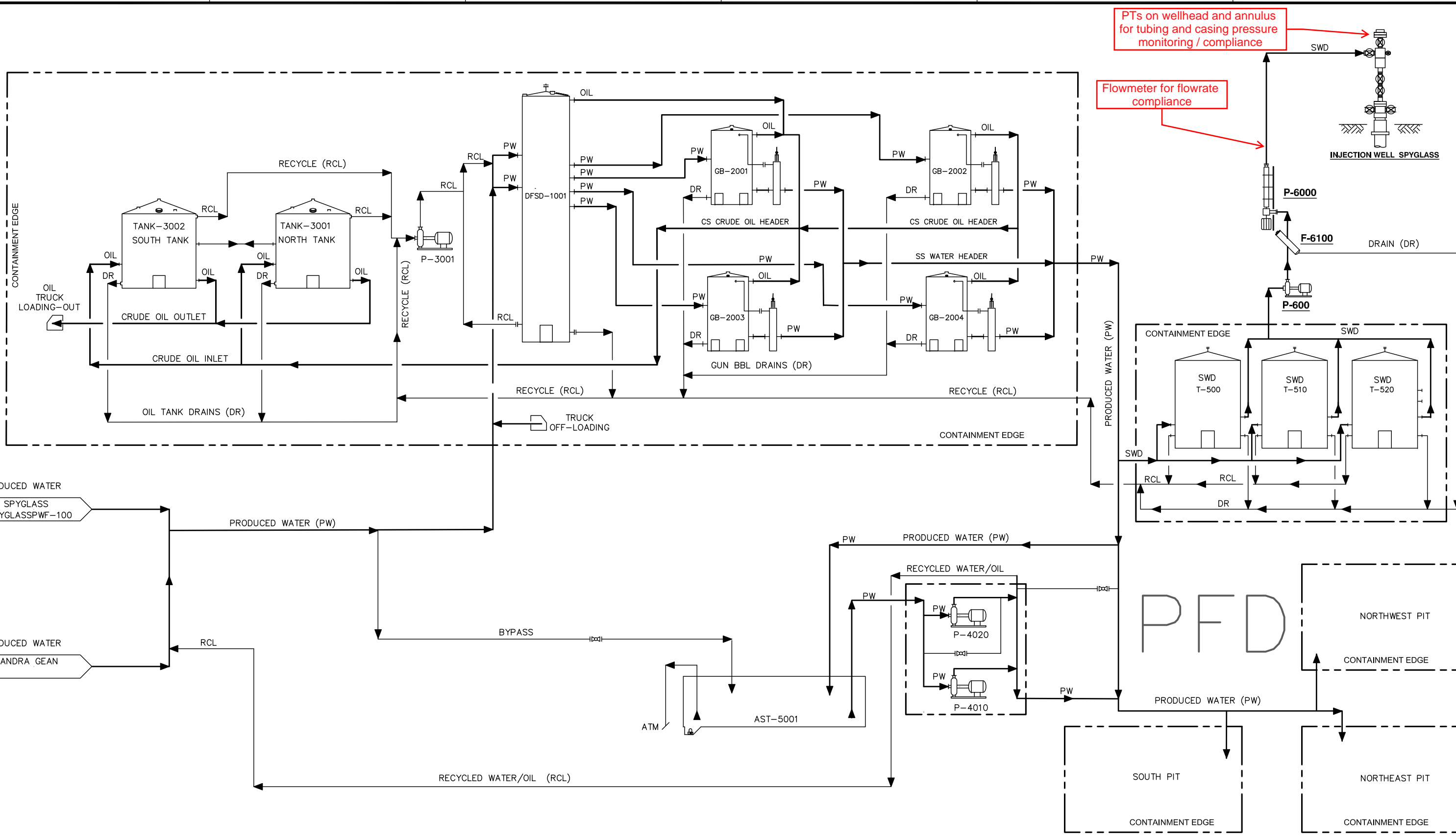
SPYGLASS PRODUCED WATER FACILITY
1,500'x1,800'
POND AND WELLHEAD PLOT PLAN
SPYGLASS 17 SWD 1

COUNTY	STATE
	REV 0
PLOT SCALE NONE	DWG. NO. SPYGLASSPW-PP
CAD NO.	

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

Released to Imaging: 9/23/2026 4:30:52 PM

Received by QCD: 2/16/2026 9:44:44 AM



NOTE:

FOR INFORMATION



REVISIONS						ENGINEERING RECORD		
NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE	
0	12/1/25	FOR INFORMATION	DEB	JDG	DS	DRN:	DEB	12/1/25
						DES:		
						CHK:		
						APP:		
						AFE No.		
						FACILITY ENGR.		
						PROJ. ENGR.		
						SCALE:	NONE	



PROCESS FLOW DIAGRAM
 SPYGLASS PRODUCED WATER FACILITY
 PROCESS WATER FACILITY AND INJECTON WELLHEAD
 COUNTY

PLOT SCALE	NONE	DWG. NO.	SPYGLASSPW-PFD
CAD NO.		REV	0

Page 26 of 48

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

Conditions		Barite (BaSO ₄)		Calcite (CaCO ₃)		Gypsum (CaSO ₄ ·2H ₂ O)		Anhydrite (CaSO ₄)	
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

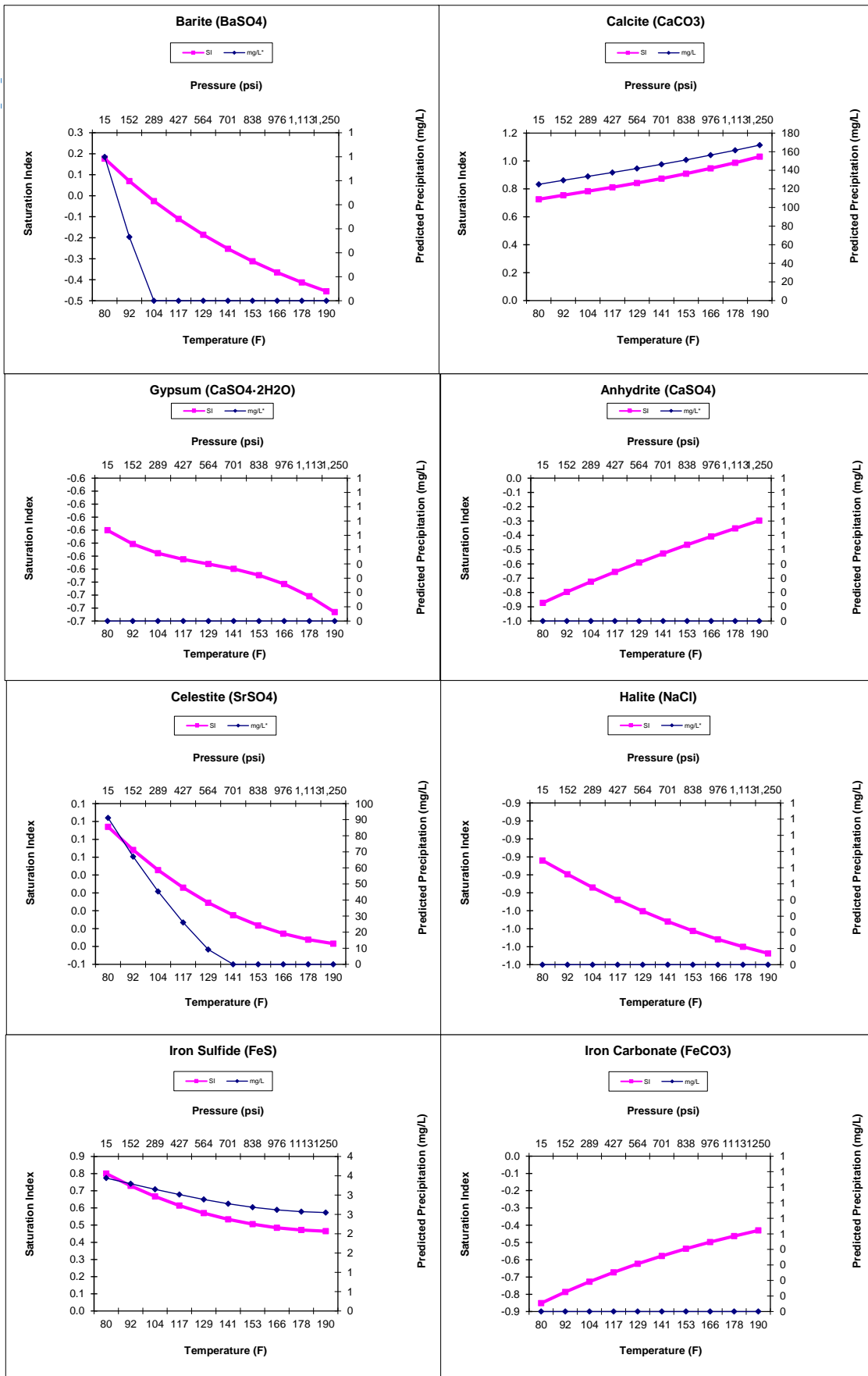
Conditions		Celestite (SrSO ₄)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate (FeCO ₃)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
80°F	15 psi	0.09	31.901	-0.92	0.000	0.80	1.204	-0.85	0.000
92°F	152 psi	0.07	23.471	-0.93	0.000	0.73	1.153	-0.79	0.000
104°F	289 psi	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; %CO₂ 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: (What was changed in report? Include original report date, Logout Date and Reason for amended data)

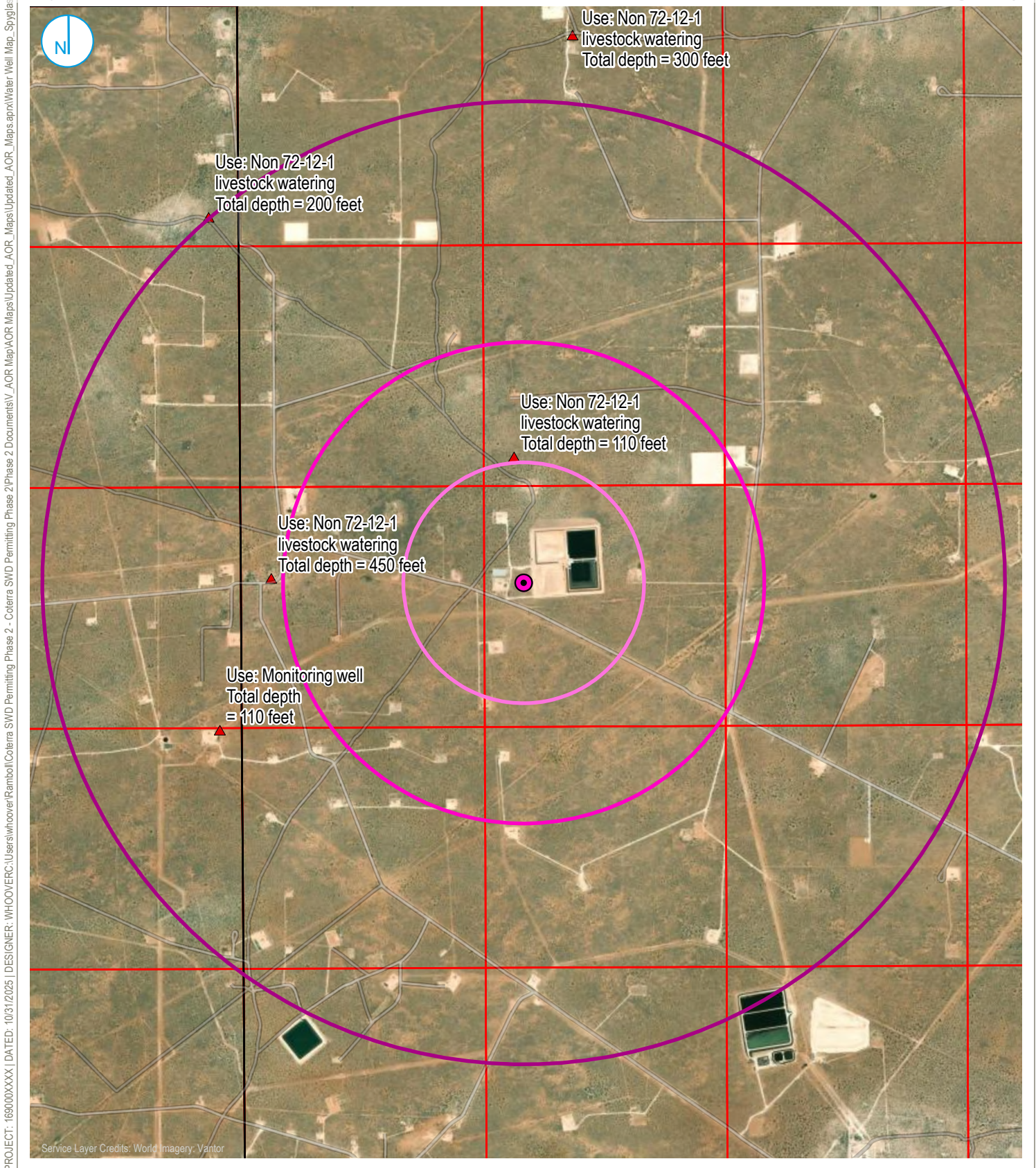
Sample ID: 01250401002-001 Aureus Energy, Coterra, Spyglass Pit,POND



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

Well Name	State Npa No. 1	1 Little Eddy Unit	Mahaffey #1	Mahaffey #1	Big Eddy Unit 1	Yates-federal 69 1	Querecho Plains Unit 2	Dorothy B Perry 1	Littl Eddy Unt Rchrds 1	Littl Eddy Unt Rchrds 1	Buffalo Unit 4	Buffalo Unit 4	Lea Unit 4	Lea Unit 8
API	3002503156	3002521647	3002501735	3002501735	3001505819	3002500869	3002500872	3002500935	3002500960	3002500960	3002501661	3002501661	3002502424	3002502431
Latitude	32.6867	32.5968	32.5786	32.5786	32.5967	32.738	32.7126	32.594	32.5387	32.5387	32.6909	32.6909	32.5896	32.5859
Longitude	-103.5024	-103.688	-103.6359	-103.6359	-103.8503	-103.7218	-103.7556	-103.7592	-103.7129	-103.7129	-103.6618	-103.6618	-103.5247	-103.508
Depth (upper, ft)	14565	14608	14948	14948	14094	14725	14230	14180	14515	14301	14400	14477	14000	14648
Depth (lower, ft)	14647	14895			14205	14762	14330	14367	14635		14420			14693
State	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico	New Mexico
County	Lea	Lea	Lea	Lea	Eddy	Lea	Lea	Lea	Lea	Lea	Lea	Lea	Lea	Lea
Field	Scharb		Teas	Teas			Querecho Plains		Salt Lake, South	Salt Lake, South	Buffalo	Buffalo	Lea	Lea
Formation	Devonian	Devonian	Devonian	Devonian	Devonian Lower	Devonian Lower	Devonian Lower	Fusselman Devonian	Devonian Lower	Devonian Lower	Devonian Lower	Devonian Lower	Devonian Lower	Devonian Lower
Well Type	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon	Conventional Hydrocarbon
Date Sampled	1/12/1960	5/30/1966	10/30/1962	10/30/1962			7/9/1958	8/12/1957						
Sample Source	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Drill Stem Test	Separator, Heater-treater, Or Water Dump	Drill Stem Test
Specific Gravity	1.02	1.019	1.022	1.022	1.02	1.02	1.021	1.021	1.022	1.023	1.018	1.015	1.023	1.026
pH	7.7	7	7.03	7.03										
TDS (mg/L)	25800	25199	28079	28696	24313	24662	26967	25847	28550	28815	21444	17108	29436	33414
HCO₃ (mg/L)	830	415	791	808.4	469	284	640	641	818	593	881	610	634	227
Ca (mg/L)	1170	1210	1022	1044	1926	727	1186	1287	967	1442	5090	4034	1550	1775
Cl (mg/L)	14100	14200	14810	15135.82	13960	12520	14760	14100	14320	16160	11400	9398	16720	18570
K (mg/L)		250	193	197.25										
Kna (mg/L)					7184	8545	8747	8439	8382	9258	2443	1951	8894	10730
Mg (mg/L)	134	171	185	189.07	44		206	56	385	186	93	124	496	151
SO₄ (mg/L)	1120	1050	1885	1926.47	730	2586	1427	1324	1280	1176	1537	991	1142	1961
Source		Pan American Petroleum Corporation	Sinclair Research Laboratories, Inc.	Sinclair Research Laboratories, Inc.			Shell Oil Company	Shell Oil Company						
Reference	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002	Breit, 2002

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



PROJECT: 169000XXXXX | DATED: 10/31/2025 | DESIGNER: WHOOVERC:\Users\whoover\ramboll\Coterra SWD Permitting Phase 2 - Coterra SWD Maps\Updated_AOR_Maps\Updated_AOR_Maps\Updated_AOR_Maps.aprx\Water Well Map_Spyglass

Spyglass

- Spyglass 17 SWD #1
- Area of review
- 1 mile radius
- 2 mile radius

- Water Wells
- Water Wells
- PLSS
- Township
- First Division

WELLS
AREA OF REVIEW

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

Spyglass 17 SWD #1
Coterra Energy
Lea County, New Mexico



**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-00810	Kenneth Smith	Box 764	Carlsbad	NM	88220			32.6693	-103.69169	https://nmwrrs.ose.nm.gov/ReportDispatch.r?type=WRHTML&name=WaterRightSummaryHTML.jrxml&basin=CP&nbr=00810&suffix=		12/31/1965		110	Shallow	Non 72-12-1 livestock watering

**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.
Spyglass 17 SWD 1
1961' FNL 950' FWL
Sec 17, T19S, R33E
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).

Spyglass 17 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 5471 08	DELMAR HUDSON LEWIS	P.O. Box 2546	Fort Worth	TX	76113
2/5/2026	9407 1118 9876 5438 5471 91	CHEVRON MIDCONTINENT LP	6301 Deauville Blvd	Midland	TX	79706
2/5/2026	9407 1118 9876 5438 5471 46	EOG RESOURCES INC	5509 Champions Dr	Midland	TX	79706
2/5/2026	9407 1118 9876 5438 5471 39	DEVON ENERGY PRODUCTION COMPANY LP	333 W. Sheridan Ave	Oklahoma City	OK	73102
2/5/2026	9407 1118 9876 5438 5471 77	CONOCOPHILLIPS COMPANY	600 W. Illinois Ave	Midland	TX	79701
2/5/2026	9407 1118 9876 5438 5473 51	Kenneth Smith Inc.	267 Smith Ranch Road	Hobbs	NM	88240
2/5/2026	9407 1118 9876 5438 5473 68	Bureau of Land Management	520 E. Greene St. Carlsbad	Carlsbad	NM	88220

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

063S0010282493

USPS CERTIFIED MAIL



9407 1118 9876 5438 5471 08

DELMAR HUDSON LEWIS
PO BOX 2546
FORT WORTH TX 76113-2546



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 1
79706-2671



endicia

063S0011485645

USPS CERTIFIED MAIL



9407 1118 9876 5438 5471 91

CHEVRON MIDCONTINENT LP
6301 DEAUVILLE
MIDLAND TX 79706-2964



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 1
79706-2675



endicia

063S0011485645

USPS CERTIFIED MAIL



9407 1118 9876 5438 5471 46

EOG RESOURCES INC
5509 CHAMPIONS DR
MIDLAND TX 79706-2843



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 4
11923275



endicia

063S0011718298

USPS CERTIFIED MAIL



9407 1118 9876 5438 5471 39

DEVON ENERGY PRODUCTION COMPANY LP
333 W SHERIDAN AVE
OKLAHOMA CITY OK 73102-5010



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 1
79706-2671



endicia

063S0011485632

USPS CERTIFIED MAIL



9407 1118 9876 5438 5471 77

CONOCOPHILLIPS COMPANY
600 W ILLINOIS AVE
MIDLAND TX 79701-4882



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

USPS CERTIFIED MAIL



9407 1118 9876 5438 5473 51

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



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
79706-2671



endicia

063S0011485645

USPS CERTIFIED MAIL



9407 1118 9876 5438 5473 68

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 04, 2026
and ending with the issue dated
February 04, 2026.



Publisher

Sworn and subscribed to before me this
4th 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

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.

67117508

00308074

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

LEGALS

LEGAL NOTICE
February 4, 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 Spyglass 17 SWD #1, is located 1964' FNL & 950' FWL, Unit F, Section 17, Township 19 South, Range 33 East, NMPM, approximately 14 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 14,810 feet to 16,810 feet. The maximum expected injection rate is 50,000 BWP/D at a maximum surface injection pressure of 2,962 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.
#00308074

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 554220

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 554220
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
delilah.dougi	None	2/23/2026