

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION COMMISSION**

**APPLICATION OF CHEVRON USA INC.
TO APPROVE SALT WATER DISPOSAL
WELL IN LEA COUNTY, NEW MEXICO.**

CASE NO. 23686

**APPLICATION OF CHEVRON USA INC.
TO APPROVE SALT WATER DISPOSAL
WELL IN EDDY COUNTY, NEW MEXICO.**

CASE NO. 23687

NOTICE OF FILING REVISED EXHIBITS

Chevron USA, Inc. (“Chevron”) hereby submits this notice that Chevron is filing revised exhibits in the above captioned as discussed at the November 8-9, 2023 New Mexico Oil Conservation Commission hearing. First, Chevron is filing a revised Injection Data Sheet for the Papa Squirrel SWD 1, Case No. 23686, reflecting the reduced injection interval. The injection interval shown on the revised Injection Data Sheet is reflected in the proposed permit submitted to the Commission. Chevron respectfully requests that this revised Injection Data Sheet be substituted for the Injection Data Sheet previously filed. The Injection Data Sheet is found at pages 10 and 12 of the previously submitted exhibit packet.

Second, Chevron is filing a revised C-108 packet for the Severitas 2 State SWD 1 well, Case No. 23687 (“Severitas”). At the November 8, 2023 OCC hearing, Chevron indicated that the surface location of the Severitas well may need to be moved for operational considerations, but that doing so would not change the technical evidence or any of the parties entitled to notice. Pursuant to that discussion, Chevron is filing the revised C-108 to update the surface location for the Severitas well and to reflect the reduced injection interval. Although the entire Severitas C-

108 did not change, Chevron is filing the complete C-108 to avoid confusion about which pages need to be substituted in the original filing. Chevron respectfully requests that the Severitas revised C-108 be substituted for the Severitas C-108 previously filed. The Severitas C-108 is found at pages 45 through 88 of the previously submitted exhibit packet. The revised location and injection interval shown in the revised C-108 Sheet are reflected in the proposed permit submitted to the Commission.

Respectfully submitted,

By: /s/ Deana M. Bennett

Deana M. Bennett
Earl E. DeBrine, Jr.
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Deana.bennett@modrall.com
Earl.DeBrine@modrall.com

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served on the following counsel of record by electronic mail on January 9, 2024:

Jesse K. Tremaine
Chris Moander
New Mexico Energy, Minerals & Natural Resources Department
1220 South St. Francis Dr. Santa Fe, NM 87505
(505) 231-9312
Jessek.tremaine@emnrd.nm.gov
Chris.moander@emnrd.nm.gov
Counsel for the New Mexico Oil Conservation Division

Ari Biernoff
General Counsel
New Mexico State Land Office
PO Box 1148
Santa Fe NM 87504-1148
(505) 827-5756
abiernoff@slo.state.nm.us
Counsel for New Mexico State Land Office

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Counsel for Mewbourne Oil Company

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1048 Paseo de Peralta
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(505) 780-8000
Beth.ryan@conocophillips.com
Joby.rittenhouse@conocophillips.com
Counsel for ConocoPhillips

By: /s/ Deana M. Bennett

Revised Papa Squirrel Injection Data Well Sheet

Revised to show reduced injection interval

Revisions identified by yellow highlighting

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Chevron U.S.A. Inc.

WELL NAME & NUMBER: Papa Squirrel SWD 1

WELL LOCATION: 1928' from South, 870' from West, L 13, 26 South, 32 East, N.M.P.M.
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

See next page

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2" Casing Size: 13-3/8"
Cemented with: 380 sx. *or* 497 ft³
Top of Cement: Surface Method Determined: Volumetric

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 10-3/4"
Cemented with: 320 sx. *or* 758 ft³
Top of Cement: Surface Method Determined: Volumetric

Production Casing

Hole Size: 9-7/8" Casing Size: 7-5/8"
Cemented with: 650 sx. *or* 1529 ft³
Top of Cement: Surface Method Determined: Volumetric
Total Depth: 8500' (plugged back casing depth is 7285')*

Injection Interval

4654' feet to 7285' *

* The Papa Squirrel SWD will drill through the Bell Canyon and Cherry Canyon Formations and will drill approximately 1214 feet into the upper Brushy Canyon Formation (the lower ~500 feet of the Brushy Canyon will not be drilled). This will allow open hole logs (Quad Combo and XRMI/image logs) to be run. The production (injection) casing will be run to TD. Diagnostic Fracture Injection Tests (DFITs) will be gathered in all three formations. The well will then be plugged back with cement to a depth of 7285 feet. Once the well is plugged back, only the Cherry Canyon and Bell Canyon Formations will be open for injection. The injection interval will be perforated from the top of the Ramsey Sandstone of the Bell Canyon Formation, which is below the Lamar Limestone, and will extend to the base of the Cherry Canyon Formation.

Side 2

INJECTION WELL DATA SHEET

Tubing Size: 5-1/2" Lining Material: _____
 Type of Packer: Hydraulically set packer
 Packer Setting Depth: 4554'
 Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? Yes No
 If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Bell Canyon and Cherry Canyon
3. Name of Field or Pool (if applicable): SWD; Delaware Mountain Group
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, this is a proposed new SWD well.
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Depths are within a 3 mile area.
Atoka (14,418-14,545 ft MD), Avalon (8,819-9,749 ft TVD), Bone Spring (8,706-12,028 ft TVD), Devonian (17,468-17,567 ft MD), Morrow (15,999-16,050 ft MD), Pennsylvanian (14,370-14,826 ft MD), Silurian (17,464-17,512 ft MD), and Wolfcamp (9,065-13,145 ft TVD).

Revised Severitas C-108

Revised due to change in surface location and to show reduced injection interval

Revisions identified by yellow highlighting or “revised” exhibit sticker.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No

II. OPERATOR: Chevron USA Inc.

ADDRESS: 6301 Deauville Blvd, Midland, TX 79706

CONTACT PARTY: Tom Merrifield PHONE: 661-448-7489

III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? _____ Yes _____ No
If yes, give the Division order number authorizing the project: _____

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review. **ATTACHMENT 1**

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. **ATTACHMENT 2**

VII. Attach data on the proposed operation, including: **ATTACHMENT 3**

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. 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. **ATTACHMENT 4**

IX. Describe the proposed stimulation program, if any. **ATTACHMENT 5**

*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted). **ATTACHMENT 6**

*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. **ATTACHMENT 7**

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. **ATTACHMENT 8**

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form. **ATTACHMENT 9**

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

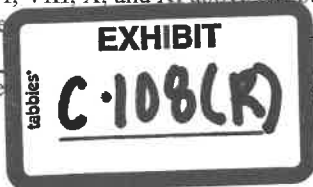
NAME: _____ TITLE: _____

SIGNATURE: _____ DATE: _____

E-MAIL ADDRESS: _____

XV. 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 _____

DISTRIBUTION: Original and one copy to Santa Fe _____ District Office



Side 2

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

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

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

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 96100	³ Pool Name SWD; DELAWARE
⁴ Property Code	⁵ Property Name SEVERITAS 2 STATE SWD	
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	⁶ Well Number 001
		⁹ Elevation 3173'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	26 SOUTH	27 EAST, N.M.P.M.		809'	NORTH	960'	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	2	26 SOUTH	27 EAST, N.M.P.M.		809'	NORTH	960'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

<p>¹⁶</p> <p>SEVERITAS 2 STATE SWD No. 001 X = 555,231' (NAD27 NM E) Y = 391,634' LAT. 32.076591° N (NAD27) LONG. 104.155018° W X = 596,415' (NAD83/86 NM E) Y = 391,691' LAT. 32.076713° N (NAD83/86) LONG. 104.155510° W ELEV. +3173' (NAVD88)</p> <p>CORNER COORDINATES TABLE (NAD 27)</p> <p>A - Y=392441.43, X=553545.42 B - Y=392443.13, X=556198.44 C - Y=389739.69, X=553503.51 D - Y=389786.09, X=556173.73 E - Y=387033.94, X=553461.53 F - Y=387127.27, X=556148.39</p>	<p>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p>
	<p>¹⁸ SURVEYOR CERTIFICATION <i>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.</i></p> <p>08/01/2022 Date of Survey</p> <p>Signature and Seal of Professional Surveyor 08/09/2022</p> <p>Certificate Number _____</p>

INJECTION WELL DATA SHEET

Side 1

OPERATOR: Chevron U.S.A. Inc.

WELL NAME & NUMBER: Severitas 2 State SWD 1

WELL LOCATION: 809' from North, 960' from East, A 2, 26 South, 27 East, N.M.P.M.

FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

WELL CONSTRUCTION DATA
Surface Casing

See next page

Hole Size: 17-1/2" Casing Size: 13-3/8"
Cemented with: 253 sx. 337 or ft³
Top of Cement: Surface Method Determined: Volumetric

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 10-3/4"
Cemented with: sx. or ft³
Top of Cement: Surface Method Determined: Volumetric

Production Casing

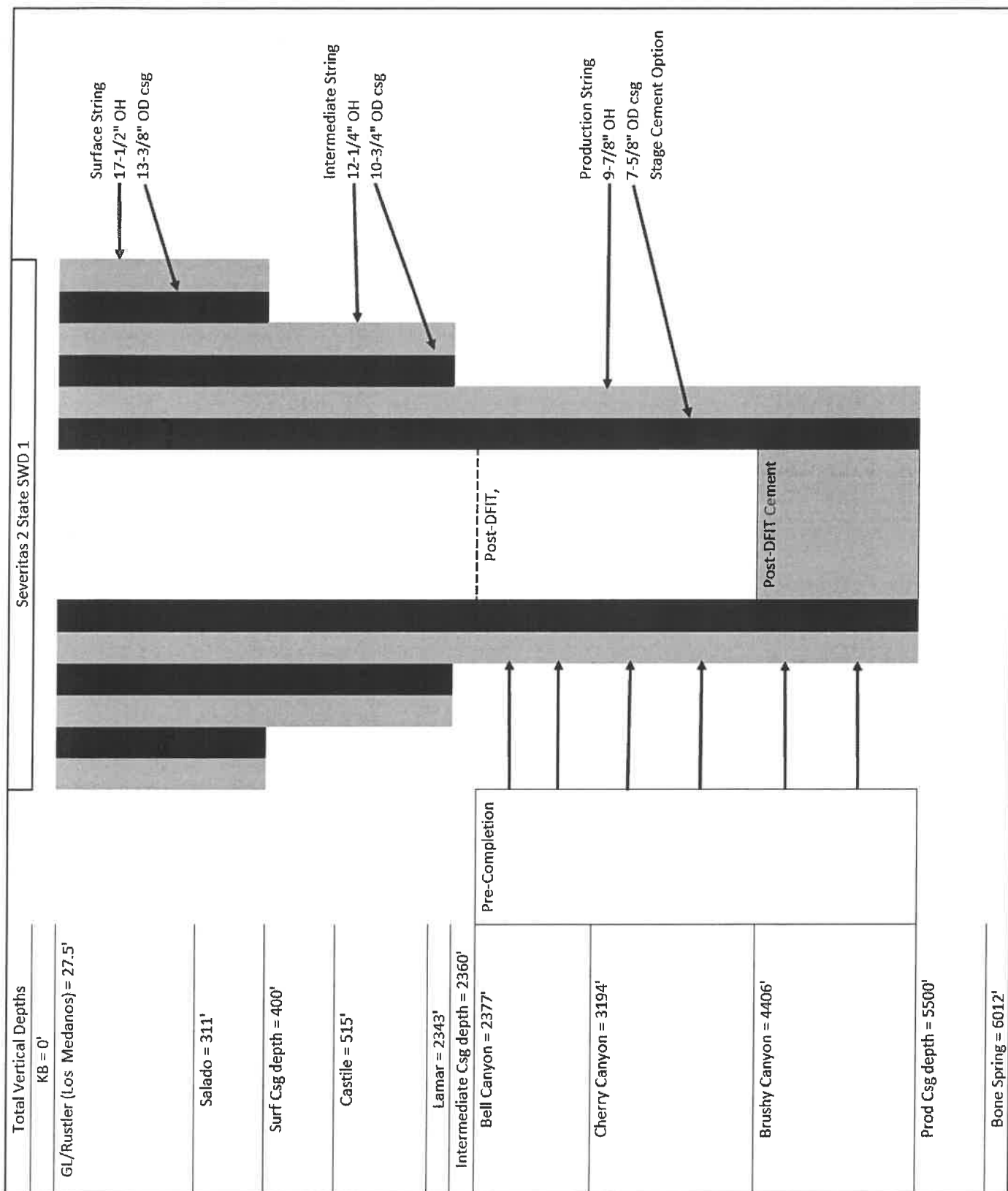
Hole Size: 9-7/8" Casing Size: 7-5/8"
Cemented with: 377 sx. 901 or ft³
Top of Cement: Surface Method Determined: Volumetric

Total Depth: 5500'

Injection Interval

2377 4405 * feet to

* The Severitas 2 State SWD 1 will drill through the Bell Canyon and Cherry Canyon Formations and will drill approximately 1094 feet into the upper Brushy Canyon Formation (the lower ~500 feet of the Brushy Canyon will not be drilled). This will allow open hole logs (Quad Combo and XRFMI/image logs) to be run. The production (injection) casing will be run to TD. Diagnostic Fracture Injection Tests (DFITs) will be gathered in all three formations. The well will then be plugged back with cement to a depth of 4406 feet. Once the well is plugged back, only the Cherry Canyon and Bell Canyon Formations will be open for injection. The injection interval will be perforated from the top of the Ramsey Sandstone of the Bell Canyon Formation, which is below the Lamar Limestone, and will extend to the base of the Cherry Canyon Formation.



Side 2

INJECTION WELL DATA SHEET

Tubing Size: 5-1/2" Lining Material: _____
 Type of Packer: Hydraulically set packer
 Packer Setting Depth: 2277'
 Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? Yes No

If no, for what purpose was the well originally drilled? _____

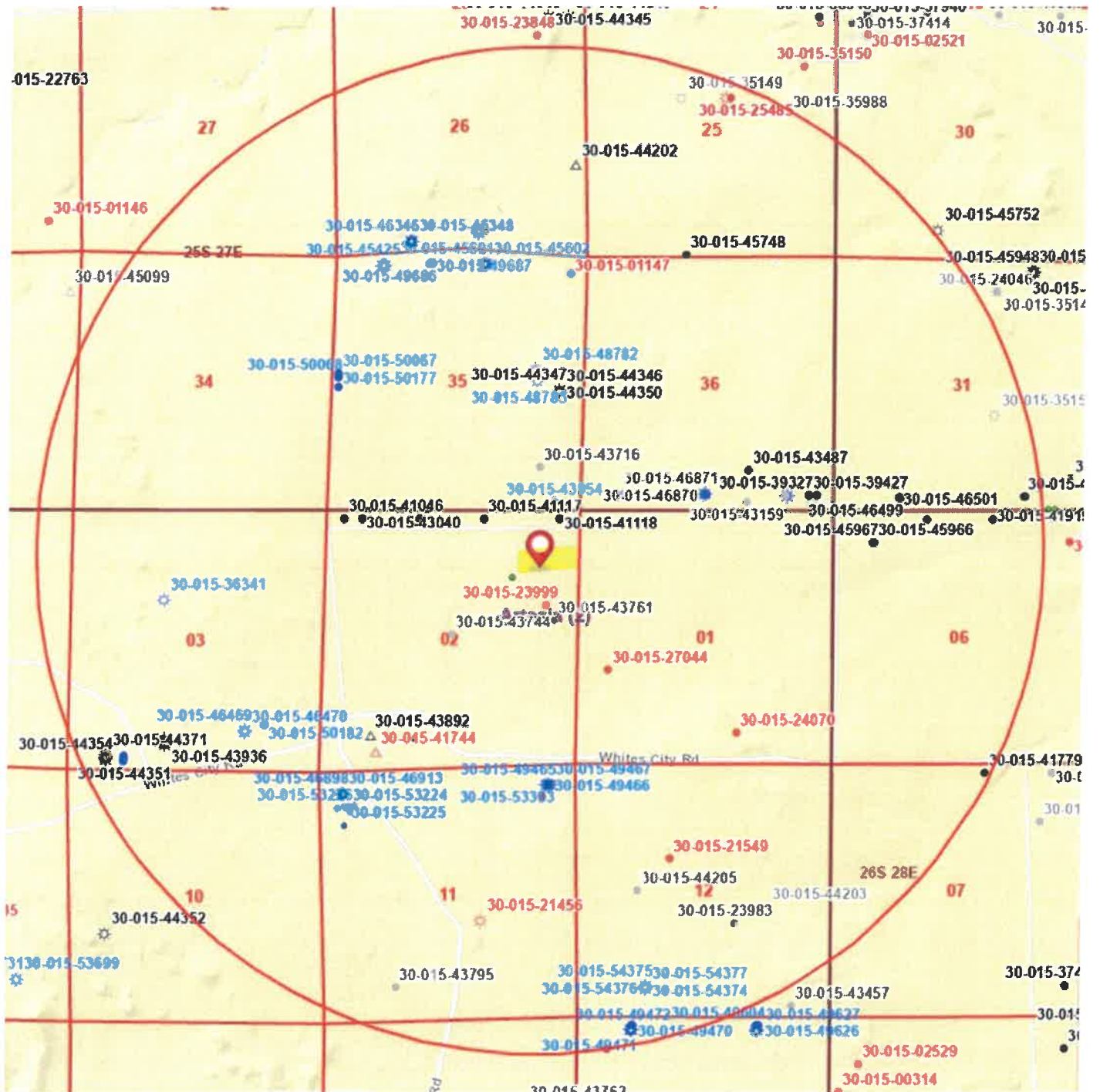
2. Name of the Injection Formation: Bell Canyon and Cherry Canyon

3. Name of Field or Pool (if applicable): SWD; Delaware

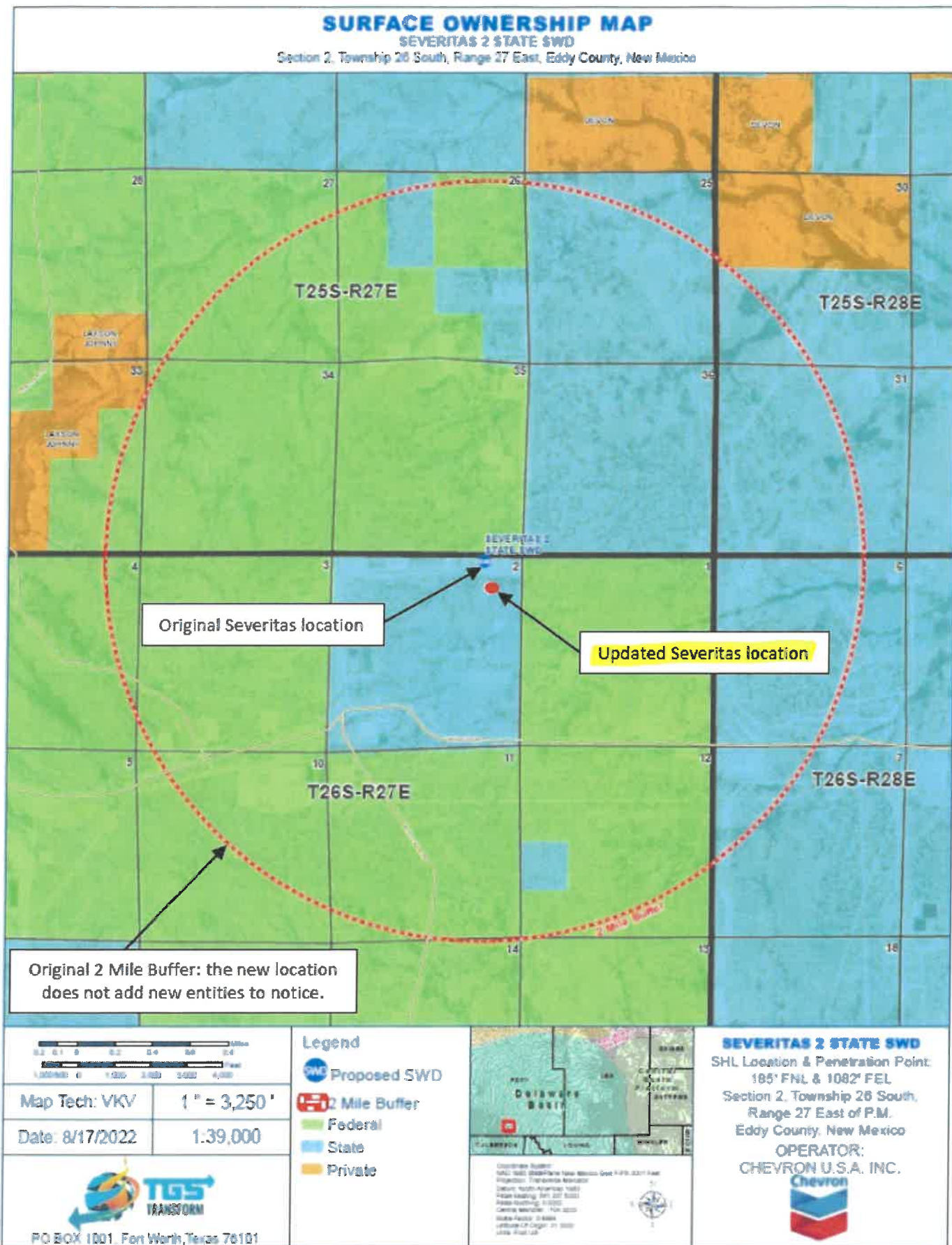
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.
No, this is a proposed new SWD well.

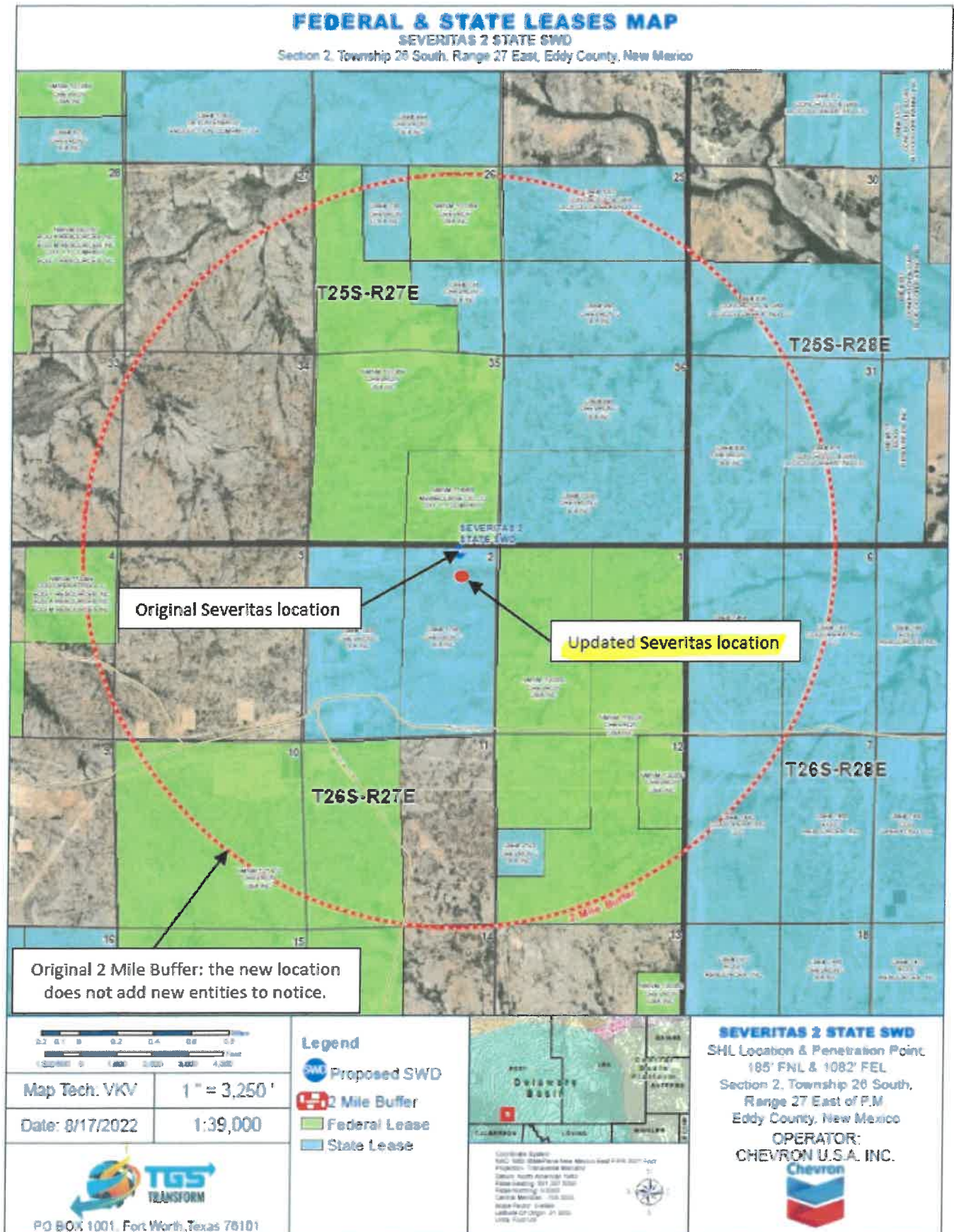
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area.
Depths are within a 3 mile area.
Atoka (11,643-11,794), Bone Spring (5840-18,860),
Morrow (11,966-12,697), Pennsylvanian (11,154-12,522), and
Strawn (11,694-11,719), and Wolfcamp (9299-21,655)

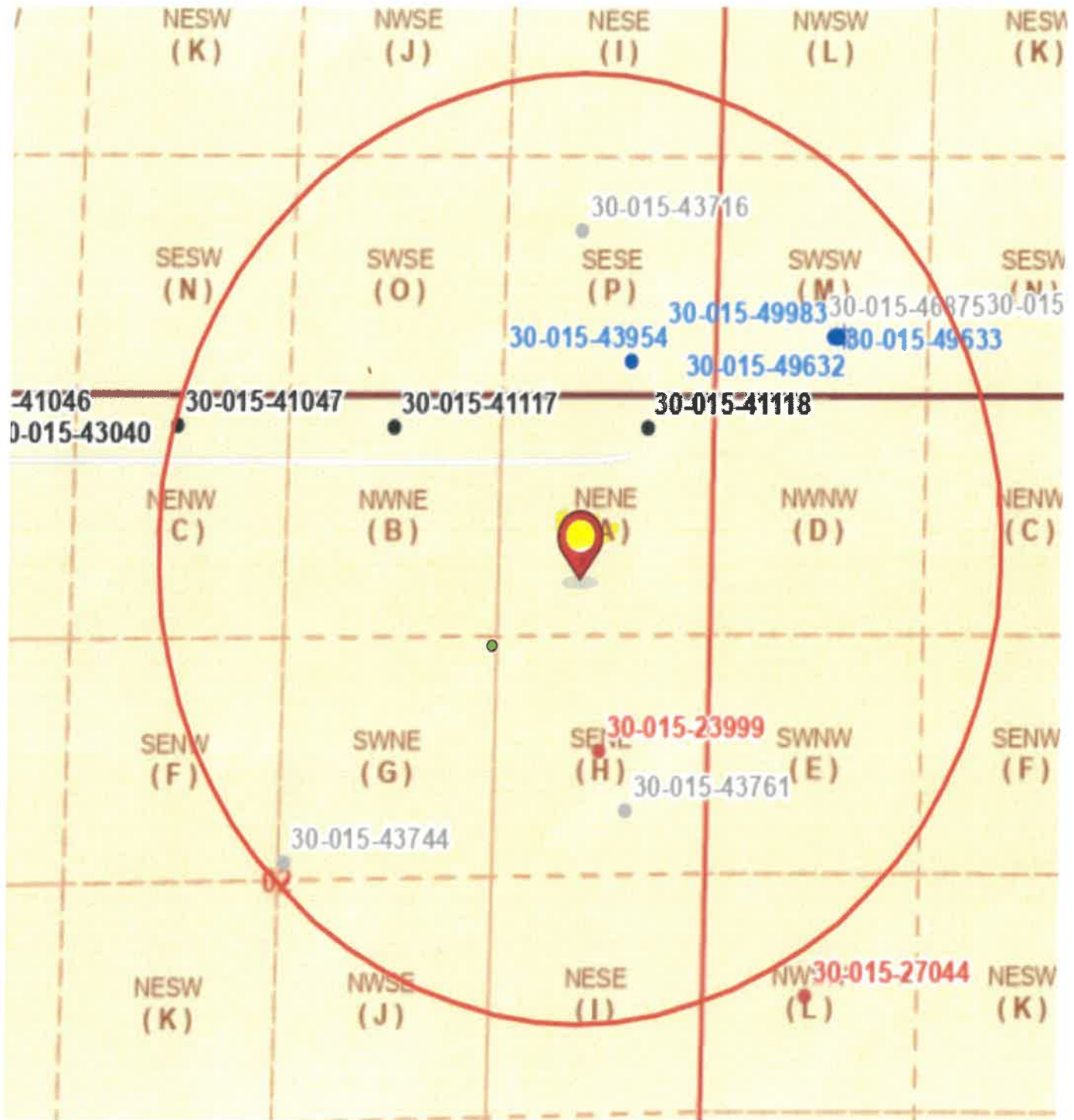
ATTACHMENT 1
Item V



Severitas 2 State SWD 1: 2.0 mile radius circle map showing all wells within the radius.







Severitas 2 State SWD 1: 0.5 mile radius circle map showing wells in Area of Review (AOR).

ATTACHMENT 2
Item VI

API	Well Name	Well Type	Well Status	OGRID Name	Section	Township	Range	Latitude 83	Longitude 83	Measured Depth	Vertical Depth	Associated Pools	Plug Date	Miles from SWD
30-015-46875	ATTICUS STATE COM #706C	Gas	Cancelled	COG OPERATING LLC	36	25S	27E	32.0798	-104.1499	0	0	[98220] PURPLE SAGE, [16800]		0.3
30-015-41047	SKEEN 2 26 27 STATE #002H	Oil	Active	CHEVRON U S A INC	2	26S	27E	32.0785	-104.1632	12.619	7.792	DELAWARE [97916]		0.4
30-015-43744	PINTAIL 23 26 FEDERAL COM #011C	Oil	Cancelled	CIMAREX ENERGY CO.	23	25S	26E	32.0718	-104.1609	0	0	WILDCAT G-04 [16800]		0.4
30-015-41117	SKEEN 2 26 27 STATE #003H	Oil	Active	CHEVRON U S A INC	2	26S	27E	32.0785	-104.1588	12.556	7.768	DELAWARE [97494]		0.2
30-015-43716	GRYNBERG 11 FEDERAL COM #006C	Oil	Cancelled	CIMAREX ENERGY CO.	14	25S	26E	32.0814	-104.155	0	0	COTTONWOOD [16800]		0.2
30-015-23999	PRE-ONGARD WELL #001	Oil	Plugged (site released)	PRE-ONGARD WELL OPERATOR	2	26S	27E	32.0735	-104.1546	0	0	No Data	5/15/1987	0.3
30-015-43954	SAGE 35 B2PA FEDERAL COM #001H	Oil	New	CHEVRON U S A INC	35	25S	27E	32.0795	-104.154	0	0	[16800] DELAWARE [97494]		0.2
30-015-43761	WHITE CITY 14 FEDERAL #016C	Oil	Cancelled	CIMAREX ENERGY CO.	14	25S	26E	32.0726	-104.154	0	0	COTTONWOOD [16800]		0.4
30-015-41118	SKEEN 2 26 27 STATE #004H	Oil	Active	CHEVRON U S A INC	2	26S	27E	32.0785	-104.1537	12.759	7.789	DELAWARE [16800]		0.1
30-015-49632	ATTICUS STATE COM #705H	Gas	New	COG OPERATING LLC	36	25S	27E	32.0798	-104.1498	0	0	[98220] PURPLE SAGE,		0.3
30-015-49633	ATTICUS STATE COM #706H	Oil	New	COG OPERATING LLC	36	25S	27E	32.0798	-104.1499	0	0	[98220] PURPLE SAGE, [16800]		0.3
30-015-49983	ATTICUS STATE COM #522H	Oil	New	COG OPERATING LLC	36	25S	27E	32.0798	-104.1499	0	0	DELAWARE [16800]		0.3



WAYNE MOORE

403 N. MARIENFELD
MIDLAND, TEXAS 79701

RECEIVED

APR 25 1983

O. C. D.
ARTESIA, OFFICE

April 18, 1983

Mr. Leslie A. Clements
Supervisor District II
Energy and Mineral Department
P.O. Drawer DD
Artesia, New Mexico 88210

WAYNE MOORE - AZTEC STATE #1, SEC 2-T26S-R27E, LEASE #L-6791,
EDDY COUNTY, NEW MEXICO

Mr. Clements,

This is in reference to your letter of April 11, 1983, concerning
the above listed lease.

The well was perforated in the Bone Springs Section (perfs. 6125-
6727, 37 perforations) and put on pump for testing. Down hole and
surface equipment problems plagued the operation as testing continued,
thus the testing took much longer than anticipated.

The well, although operating at a small profit, is not sufficiently
productive so as to warrant the drilling of additional Bone Springs
wells on this lease. With that in mind a completion in the Delaware
Section is now in the final planning stage.

(See attached letter). We plan to:

- A. Set a cast iron bridge plug at the top
of the Bone Springs.
- B. Spot 50' of cement on top of this bridge
plug.
- C. Perforate below the zones of interest
and circulate cement 200' into the
8-5/8" casing set at 2330'.
- D. Perforate and test zones of interest
in the Delaware Section.

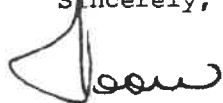
WAYNE MOORE

403 N. MARIENFELD
MIDLAND, TEXAS 79701

Mr. Clements, sorry for the delay in reporting, but we've until recently, been at a loss as to what to do with the well. We will file reports as this work progresses. Please let me know if you require additional information.

Thank you for your help with this problem.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Tom E. Moore', written in dark ink.

Tom E. Moore

TEM/mp

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES OF REPORT	
DISTRICT	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OFFICE	

OIL CONSERVATION DIVISION

P. O. BOX 2084 SANTA FE, NEW MEXICO 87501

Form O-103
Revised 11-1-77

MAY 31 1983

O. C. B.
ARTESIA, OFFICE

MINOR NOTICES AND REPORTS ON WELLS

1. OIL WELL GAS WELL OTHER

2. Name of Operator: Wayne Moore

3. Address of Operator: 403 N. Marienfeld, Midland

4. Location of Well:
UNIT LETTER H 1980 FEET FROM THE N LINE AND 660 FEET FROM THE E LINE, SECTION 2 TOWNSHIP 26S RANGE 27E

15. Elevation (Show L, A, or DF, RT, GR, etc.): 3174' GA

5a. Indicate Type of Lease: State L-6791

6. Name of Lessee: Aztec State

7. Well No.: #1

8. Field and Locality: Wildcat-Land Springs

12. County: Eddy

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING LEASE <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	

11. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and finishing work, SEE RULE 1103.

- A. Set cast iron bridge plug at 5700' (top of Bone Springs) and spot cement from 5645' to 5700'. (4-27-83)
- B. Perforate two holes at 4890. (4-27-83)
- C. Pump 1300 sacks class "C" cement, 2% Gel, 5 lbs Salt/sk, .3cfe2, 1/4 lb cello flake, wt. 13.7 yld = 1.38 (4-28-83)
- D. Ran temperature survey - top of cement 700' from surface.
- E. Perforate 4752 - 4798 with 13 holes. (5-12-83)
- F. Acidize and Frac (5-15-83)
- G. Swab test with oil & gas show (5-17-83)
- H. Put on pump for additional testing (5-25-83)

(Signature)

TITLE

TITLE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES DESIRED	
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SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	
LAND OFFICE	
OPERATOR	<input checked="" type="checkbox"/>

WATER CONSERVATION DIVISION
 P. O. BOX 2488
 SANTA FE, NEW MEXICO 87501
 DEC 05 1984
 O. C. D.
 ARTESIA, OFFICE

Form C-103
Revised 10-1-78

4. Indicate Type of Lease
 State Fee

5. State Oil & Gas Lease No.
 L-6791

7. Unit Agreement Name

8. Form or Lease Name
 Aztec State

9. Well No.
 #1

10. Field and Pool, or Wildcat
 Wildcat-Bone Springs

12. County
 Eddy

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

11. Well GAS WELL OTHER: 30-015-23999

Name of Operator
 WAYNE MOORE ✓

Address of Operator
 403 N. Marienfeld, Midland, Texas 79701

Location of Well
 UNIT LETTER H 1980 FEET FROM THE N LINE AND 660 FEET FROM
 THE E LONG. SECTION 2 TOWNSHIP 26S RANGE 27E

13. Elevation (Show whether DF, RT, GR, etc.)
 3174' GL

**Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:**

<input type="checkbox"/> PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> WELL OR ALTER CASING <input type="checkbox"/> OTHER	<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	<input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPER. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER	<input type="checkbox"/> ALTERING CASING <input checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
---	--	---	--

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of ceasing any proposed work) SEE RULE 1700.

Oct. 2, 1984

Spot 25SX Plug @ 4750'

Oct 3, 1984

TAG Plug - Plug in Place
 Set Bridge Plug at 2370'
 Spot 50 Sx Plug on Top of Bridge Plug
 Spot 25 Sx Plug @ 750'
 Spot 50 Sx Plug @ 400'
 Spot Plug 30' to Surface

Oct 4, 1984

Put up Regulation Surface Marker

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

DATE 11/5/84 TITLE Partner DATE November 5, 1984

APPROVED BY Daniel Moore TITLE Geologist DATE May 12, 1987

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
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U.S.O.S.	
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>

OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED BY
MAR 12 1984
O. C. D.
ARTEBIA, OFFICE

Form C-103
Revised 12-1-78

Type of Lease
State Fee

State Oil & Gas Lease No.
L-6791

Lease Agreement Name

Form or Lease Name
AZTEC STATE

Well No.
#1

Field and Pool, or Wildcat
WILDCAT - *P. M. D. SALINAS*

County
EDDY

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REOPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

Oil Well Gas Well Other: DRY HOLE

Name of Operator
WAYNE MOORE

Address of Operator
403 N Marienfeld Midland Texas 79701

Location of Well
GRID LETTER H 1980 FEET FROM THE N LINE AND 660 FEET FROM THE E LINE, SECTION 2 TOWNSHIP 26S RANGE 27E

11. Elevation (Show whether DP, RT, GR, etc.)
3174' GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
IMPERMANENT ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
WELL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1700.

- A. Set Bridge Plug @ ^{2370'}~~2320'~~ in 4 1/2" Casing
 - B. Spot 50' cement plug on top of Bridge Plug
 - C. Spot 50' cement plug at ^{354'}~~354'~~ in 4 1/2" casing
 - D. Run 1 joint and spot plug to surface in 4 1/2" casing
 - E. Put up regulation marker at surface
- WELL HISTORY 13 3/8" set at 354' - cement cir.
8 5/8" set at 2320' - cement cir.
4 1/2" set at 6333' cement to 700'

Perf. 6125 - 6478
BP at 5700' 50' cement on top BP
Perf 4752' - 4798'
Perf 2840' - 2920'
Perf 2694 - 2712'

*** ADDITIONAL PLUGS**
SPOT 25 SX @ 4750' & TAG
SPOT 25 SX @ 750' - (Top Cmf)
NOTIFY OCD 24 hrs Prior
To setting 1st plug.

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

Original Signed By Leslie A. Clements TITLE PARTNER DATE 3-8-84

AUG 21 1984

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. DRAWER DD
ARTESIA, NEW MEXICO 88210

DATE 1-22-85

Wayne Moore
403 N. Marisfield
Midland, Tx. 79701

Gentlemen:

Re: Plugging Reports

Form C-103, Report of Plugging for your Aztec St. 1 H 2-26-27
Lease Well # Unit S-T-R

cannot be approved until a Division representative has made an inspection of the location and found it to be cleared to comply with Division Rules and Regulations. Please check each item in the space provided to indicate that the work has been done.

- () 1. All pits have been filled and leveled.
- () 2. Rat hole and cellar have been filled and leveled.
- () 3. A steel marker 4" in diameter and approximately 4' above mean ground level has been set in concrete. It must show the quarter-quarter section or unit designation, section, township and range numbers which have been permanently stenciled or welded on the marker.
- () 4. The location has been leveled as nearly as possible to original top ground contour and has been cleared of all junk and equipment.
- () 5. The dead men and tie downs have been cut and removed.
- () 6. If a one well lease or last remaining well on lease, the battery and burn pit locations have been leveled and cleared of all junk and equipment.

The above are minimum requirements and no plugging bond will be cancelled until all locations for plugged and abandoned wells have been inspected and Form C-103 approved.

When all of the work outlined above has been done, please notify this office by filling in the blank form below and returning this letter to us so that our representative will not have to make more than one trip to the location.

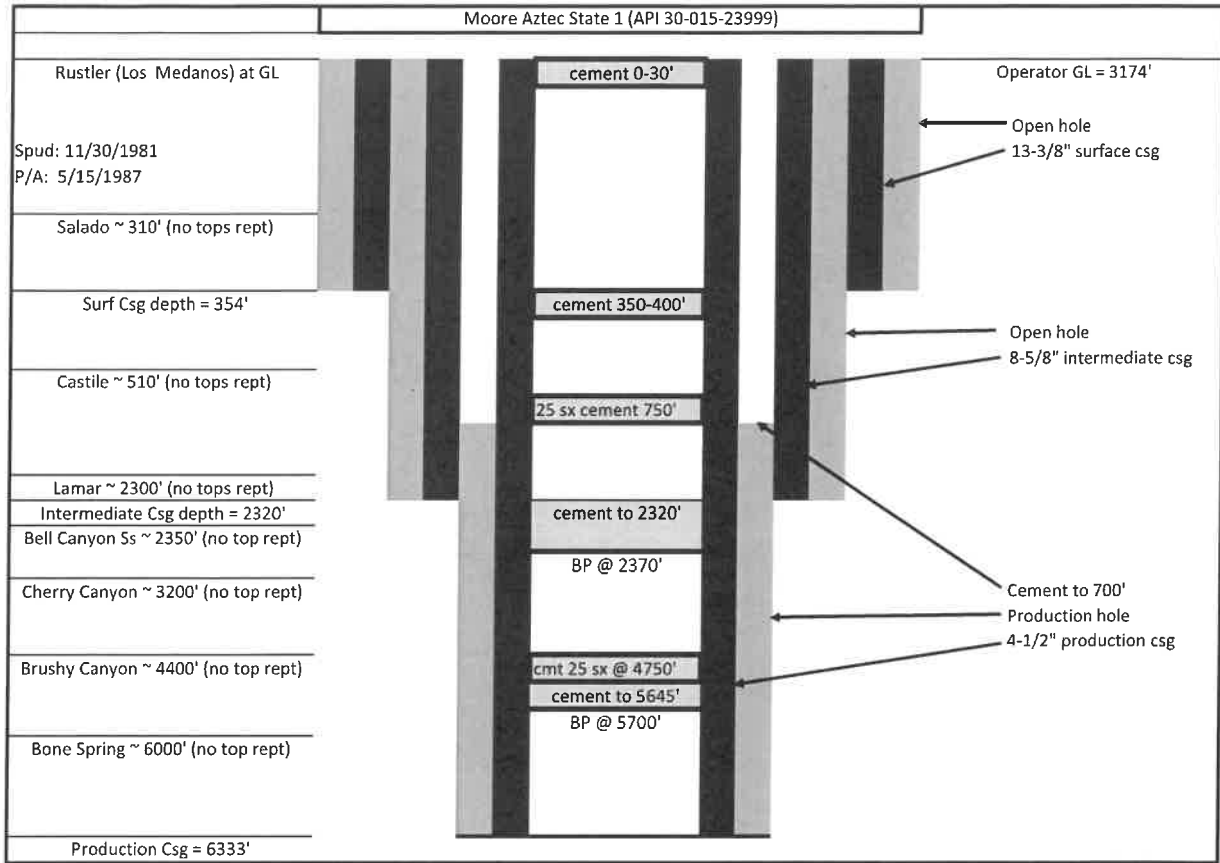
OIL CONSERVATION DIVISION

Sandy Brooks
DISTRICT GEOLOGIST

FILL IN BELOW AND RETURN

I certify that the above work has been done and the _____ Lease

_____ is ready for your inspection and approval.
Well No. Unit S-T-R



Schematic of plugging detail of Moore Aztec State 1 (API 30-015-23999).

ATTACHMENT 3

Item VII

Item	Well 5.5" tubing	Severitas 2 State SWD #1
1)	Permit Max Rate (bwpd)	15,000
1)	Permit Ave Daily Rate	12,500
2)	System	closed
3)	Permit Max Pressure (psig)	468
3)	Permit Ave Pressure (psig)	400

Item	Water Requirements	
4)	Reinjected produced water	source WQ of injectate and receiving formation is not required per application
5)	Disposal Zone Water	for non-productive in 1 mile
	Chicken Hawk State 1 (API 3001533682)	
	Results on next page	

WATER SAMPLES REPRESENTATIVE OF WATER BEING INJECTED INTO THE PROPOSED SWD-WELL												
Lab Test #	Lease	Location	Salesman	Date Out	Sample Date	Specific Gravity	Ionic Strength	TDS	pH	conductivity	Ca (mg/L)	Mg (mg/L)
201128832	Craig St. Corn	1H	William D Polk	9/30/2011	9/21/2011	1.13	3.15	194940.50	6.80		2390.00	664.00
201128361	Chicken Hawk State	1	William D Polk	9/28/2011	9/13/2011	1.12	3.17	189454.89	6.90		4133.30	725.18

Water Sample Representative of Receiving Formation Water

TH (CaCO3)	Na (mg/L)	K (mg/L)	Zn (mg/L)	Fe (mg/L)	Ba (mg/L)	Sr (mg/L)	Mn (mg/L)	Resistivity	HCO3 (mg/L)	CO3 (mg/L)	OH (mg/L)	SO4 (mg/L)	Cl (mg/L)	CO2 (mg/L)	H2S (mg/L)
9171.56	55296.00	815.00		0.32	2.00	403.00	0.18		1220.00	0.00		150.00	134000.00	540.00	0.00
TH (CaCO3)	Na (mg/L)	K (mg/L)	Zn (mg/L)	Fe (mg/L)	Ba (mg/L)	Sr (mg/L)	Mn (mg/L)	Resistivity	HCO3 (mg/L)	CO3 (mg/L)	OH (mg/L)	SO4 (mg/L)	Cl (mg/L)	CO2 (mg/L)	H2S (mg/L)
13854.56	69462.63	1056.00	37.48	2.25	0.00	468.07	0.00		1220.00	0.00		950.00	111400.00	500.00	17.00

ATTACHMENT 4
Item VIII

Formation/Geologic Feature Tops & Datum	Lithology	TVD (from Datum)	Z (SSTVD)
KB (Kelly Bushing)	Datum	0.0	3200.5
GL (ground surface)	Ground Surface	27.5	3173.0
01 - Rustler (Los Medanos at surface)	Mudstone, Salt & Anhydrite	27.5	3173.0
02 - Salado	Gypsum & Anhydrite	310.5	2890.0
03 - Castile	Anhydrite & Salt	514.8	2685.7
04 - Lamar	Carbonate	2343.3	857.2
05 - Bell Canyon	Sandstone	2376.9	823.6
06 - Cherry Canyon	Sandstone, Siltstone & Carbonate	3193.6	6.9
07 - Brushy Canyon	Sandstone, Mudstone & Carbonate	4405.8	-1205.3
08 - Bone Spring	Carbonate	6011.7	-2811.2

Geologic prognosis tops of all formations to be encountered in the Severitas 2 State SWD 1.



ATTACHMENT 5

Item IX

Proposed acid stimulation as part of the completion for the Severitas 2 State SWD 1.

1. MI/RU Petroplex Acid and Gladiator N2 Unit
2. Perform pressure pumping checklist and record in wellview.
3. Rig up Petroplex acid lines and tie in to 4-1/16" wing valve on tree. Test all lines against wing valve to 2,100 psi for 5 min
 - Install tee in Petroplex lines to allow N2 line to be rigged up. Test all N2 lines against wing valve to 2,100 psi for 5 min
4. Pump Acid job per Petroplex Pump Schedule diverting with N2 as required.
 - Max pressure for job will be 468 psi
 - Discuss with WOE for operational pressure limits during job.
 - Diversion will be treated with 1,250 scf/bbl of N2
5. Once acid is complete R/D Petroplex and Gladiator
6. Secure and shut in well.

ATTACHMENT 6

Item X

No logs have been run on the Severitas 2 State SWD 1. This is a planned well.

The following open hole logs are planned to be run if hole conditions allow: gamma-ray, resistivity, neutron-density, sonic, and image logs.

Production casing will be installed from surface to near the base of the Brushy Canyon Formation. A total of approximately six Diagnostic Fracture Injection Tests (DFITs) are planned for the Bell Canyon, Cherry Canyon and Brushy Canyon Formations. After the DFITs are run, the Brushy Canyon will be plugged. The Cherry Canyon and Bell Canyon will be perforated to the base of the Lamar Limestone. A step rate test will be run on the Bell Canyon and Cherry Canyon Formation permitted injection interval.

ATTACHMENT 7
Item XI

OSE POD Location Map



11/30/2023, 7:15:16 PM

GIS WATERS PODs

- Active
- Pending
- Plugged
-

□ OSE District Boundary

New Mexico State Trust Lands

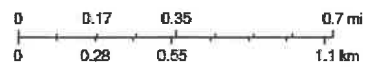
■ Both Estates

NHD Flowlines

— Artificial Path

— Stream River

1:18,056



Maxar

Online web user
This is an unofficial map from the OSE's online application.



New Mexico Office of the State Engineer Water Right Summary



WR File Number: C 02048 Subbasin: C Cross Reference: -
 Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
 Primary Status: EXP EXPIRED
 Total Acres: Subfile: - Header: -
 Total Diversion: 0 Cause/Case: -
 Owner: DELAWARE RANCH INC

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
	465436	72121	1983-02-02	EXP	EXP	C 02048	T		3

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q			X	Y	Other Location Desc
			64	Q16	Q4Sec			
C 02048			2	02	26S	27E	579582	3549072*

An () after northing value indicates 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.

9/6/22 9:16 AM

WATER RIGHT SUMMARY




New Mexico Office of the State Engineer Transaction Summary

72121 All Applications Under Statute 72-12-1

Transaction Number: 465436 Transaction Desc: C 02048 File Date: 01/31/1983

Primary Status: EXP Expired Permit
 Secondary Status: EXP Expired
 Person Assigned: *****
 Applicant: DELAWARE RANCH INC

Events

Date	Type	Description	Comment	Processed By
 01/31/1983	APP	Application Received	*	*****
02/02/1983	FIN	Final Action on application		*****
02/02/1983	WAP	General Approval Letter		*****
03/01/1984	EXP	Expired Permit (well log late)		*****
05/20/2011	ARV	Rec & Arch - file location	C 02048 Box: 1870	*****

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 02048		3		STK 72-12-1 LIVESTOCK WATERING

****Point of Diversion**

C 02048	579582	3549072*	
---------	--------	----------	---

An () after northing value indicates UTM location was derived from PLSS - see Help

Remarks

LOCATION: DELEWARE RANCH PROPERTIES

ABSTRACTOR'S NOTE: PER LETTER DATED 03/01/1984, THIS PERMIT IS EXPIRED. NO WELL RECORD ON FILE WITH THE OFFICE OF THE STATE ENGINEER.

Conditions

- 1A Depth of the well shall not exceed the thickness of the valley fill.

- 4 Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Action of the State Engineer

** See Image For Any Additional Conditions of Approval **

Approval Code: A - Approved

Action Date: 02/02/1983

Log Due Date: 02/29/1984

State Engineer:

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.

9/6/22 9:16 AM

TRANSACTION SUMMARY



New Mexico Office of the State Engineer Water Right Summary



WR File Number: C 02103 **Subbasin:** C **Cross Reference:** -
Primary Purpose: STK 72-12-1 LIVESTOCK WATERING
Primary Status: EXP EXPIRED
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: DELAWARE RANCH INC

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/ To	Acres	Diversion	Consumptive
			1	2					
468575	72121	1984-05-14	EXP	EXP	C 02103	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q			X	Y	Other Location Desc
			64Q16Q4Sec	Tws	Rng			
C 02103			2	02	26S 27E	579582	3549072*	

An () after northing value indicates 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.

9/6/22 9:12 AM

WATER RIGHT SUMMARY




New Mexico Office of the State Engineer Transaction Summary

72121 All Applications Under Statute 72-12-1


Transaction Number: 468575 Transaction Desc: C 02103 File Date: 05/14/1984

Primary Status: EXP Expired Permit
 Secondary Status: EXP Expired
 Person Assigned: *****
 Applicant: DELAWARE RANCH INC

Events

Date	Type	Description	Comment	Processed By
 05/14/1984	APP	Application Received	*	*****
05/14/1984	FIN	Final Action on application		*****
05/14/1984	WAP	General Approval Letter		*****
06/03/1985	EXP	Expired Permit (well log late)		*****
05/23/2011	ARV	Rec & Arch - file location	C 02103 Box: 1871	*****

Change To:

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 02103		3		STK 72-12-1 LIVESTOCK WATERING
**Point of Diversion				
C 02103		579582	3549072*	
An () after northing value indicates UTM location was derived from PLSS - see Help				

Remarks

LOCATION: DELAWARE RANCH PROPERTIES.

 ABSTRACTOR'S NOTE: PER LETTER DATED 06/03/1985, THIS PERMIT IS EXPIRED. NO WELL RECORD ON FILE WITH THE OFFICE OF THE STATE ENGINEER.

Conditions

- 1A Depth of the well shall not exceed the thickness of the valley fill.

- 4 Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Action of the State Engineer

** See Image For Any Additional Conditions of Approval **

Approval Code: A - Approved
 Action Date: 05/14/1984
 Log Due Date: 05/31/1985
 State Engineer:

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.

9/6/22 9:14 AM

TRANSACTION SUMMARY



New Mexico Office of the State Engineer Water Right Summary



WR File Number: C 02474 **Subbasin:** CUB **Cross Reference:** -
Primary Purpose: PLS NON 72-12-1 LIVESTOCK WATERING
Primary Status: DCL DECLARATION
Total Acres: 0 **Subfile:** - **Header:** -
Total Diversion: 3 **Cause/Case:** -
Owner: MARTHA SKEEN

Documents on File

Trn #	Doc	File/Act	Status		Transaction Desc.	From/		Acres	Diversion	Consumptive
			1	2		To				
get images	198101	DCL	1995-12-12	DCL	PRC	C-02474	T		0	3

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Well Tag	Source	Q			X	Y	Other Location Desc
			64	Q16	Q4Sec			
C 02474			4	3	02	26S	27E	578964 3548029*

An () after northing value indicates UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	Pod Number
12/31/1913	DCL	0	3	C 02474

Place of Use

Q	Q				Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
256	64	Q16	Q4Sec	Tws							
					0	3		PLS	12/31/1913	DCL	NO PLACE OF USE GIVEN

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.

9/6/22 9:18 AM

WATER RIGHT
SUMMARY

(W. J. Kelly) Kelly Polk Wala
Revised December 1975

2-03119
24-23

198101

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

Declaration of Owner of Underground Water Right

Coolsbad
BASIN NAME

Declaration No. C-2474 Date received December 12, 1995

STATEMENT.

- Name of Declarant Martha Skeen
Mailing Address 321 South Canyon, Coolsbad
County of Eddy, State of N. Mex
- Source of water supply Shallow
(artesian or shallow water aquifer).
- Describe well location under one of the following subheadings:
a. $\frac{1}{4}$ SE $\frac{1}{4}$ SW of Sec. 2 Twp. 26S, Rge. 27E, N.M.P.M., in
Eddy County.
b. Tract No. _____ of Map No. _____ of the _____
c. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone
in the _____ Grant.
On land owned by State of N. Mex
- Description of well: date drilled 1913 driller Heples Bros depth 100 feet.
outside diameter of casing 6 inches; original capacity 5 gal. per min.; present capacity 5
gal. per min.; pumping lift _____ feet; static water level _____ feet (above) (below) land surface;
make and type of pump Winomill
make, type, horsepower, etc., of power plant _____
Fractional or percentage interest claimed in well 100%
- Quantity of water appropriated and beneficially used 3 acre ft.
for Livestock (acre feet per acre) (acre feet per annum) purposes:
- Acreage actually irrigated _____ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage actually irrigated must be shown on plot on reverse side.)

- Water was first applied to beneficial use _____ month _____ day _____ year 1913 and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: _____

8. Additional statements or explanations These wells and tanks were put into use between 1912 and 1913 by the Heples Bros. Since then the Ranch has changed ownership four times. Paradise Guest, Fowlkes Bros, DeLuzia Ranch Inc. and Martha Skeen.

I, _____ being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

Martha W. Skeen, declarant.

by: _____ day of DECEMBER, A.D. 1995

Subscribed and sworn to before me this _____ day of _____, A.D. 1995
My commission expires 02/22/99

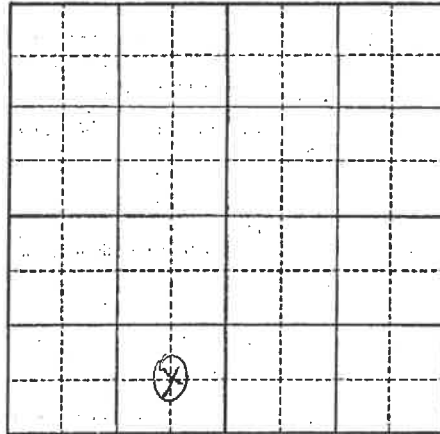
Miguel Lopez Notary Public

UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF INTEREST AND DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

T-198101

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) _____, Township _____, Range _____ N. T. P. T.



INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2 1/4 acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

SF



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

ROSWELL

THOMAS C. TURNEY
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
(505) 622-6521

December 12, 1995

C-2474
FILES: G-2473 thru C-2481;
LWD-C-64 thru LWD-C-70

Martha Skeen
321 South Canyon
Carlsbad, NM 88220

Dear Ms. Skeen:

Enclosed are your copies of Declaration of Owner of Underground Water Right, and Declaration of Ownership of Livestock Water Dam or Tank, as numbered above, which have been accepted for filing in the office of the State Engineer.

Please refer to these numbers in all future correspondence concerning these declarations.

The acceptance for filing of these declarations by this office does not indicate affirmation or rejection of the statements contained therein.

Sincerely,

Richard C. Cibak
Area Supervisor

tg
Enclosures
cc: Santa Fe
Hydro Section

95 DEC 15 PM 10 51
STATE ENGINEER OFFICE
CAPITOL NEW MEXICO

ATTACHMENT 8

Item XII



George T. (Tom) Merrifield, Jr., PG
SWD DRP Geologist
Chevron U.S.A. Inc.
6301 Deauville Blvd
Midland, TX 79706
Phone +1 661-448-7489
tommerrifield@chevron.com

April 10, 2023

Dylan Fuge, Acting Director
Oil Conservation Division
1220 South St. Francis Dr.
Sante Fe, New Mexico 87505

**Re: Affirmation Statement C-108 Applications
Papa Squirrel SWD 1 and Severitas 2 State SWD 1**

Dear Mr. Fuge:

With the increase of induced seismicity due to deep produced water injection, in 2021 Chevron decided to evaluate the potential for shallow injection in both Texas and New Mexico with exhaustive manpower and technical effort.

This effort led to the following technical evaluations of the DMG: (1) the location of high confident shallow faults in our active development areas using available seismic reflection data (2) assessment of seismic risk of any such shallow faults, (3) other geologic and reservoir engineering assessments addressing storage capabilities, potential impacts, and mitigation, and (4) collaboration and joint efforts with other operators.

Both the Papa Squirrel SWD 1 and Severitas 2 State SWD 1 are locations which we find no indication of open faults at the surface or in the subsurface and no indication of hydraulic connection between the proposed injection zone (Bell Canyon and Cherry Canyon) and an underground source of drinking water (USDW). Both locations have low potential for fault slip and induced seismicity.

Respectively yours,

A handwritten signature in black ink, appearing to read "G. T. Merrifield, Jr." with a stylized flourish at the end.

G. T. Merrifield, Jr., PG
TX (#10838) and CA (#9274)

ATTACHMENT 9

Item XIII

Notices will be sent to the following surface owners, leasehold operators, mineral interest owners, etc., within ½ mile radius.

- Bureau of Land Management
- State Land Office
- COG Operating, LLC

Note: Chevron is the operator of the wells within the 0.5 mile area of review shown in Attachment 1.