

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

**APPLICATION OF XTO ENERGY, INC. FOR
APPROVAL OF STANDARD HORIZONTAL
SPACING UNIT AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25945

NOTICE OF AMENDED EXHIBIT PACKET

XTO Energy, Inc. ("XTO"), provides notice that it is amending the evidentiary record in this case with respect to the following materials:

- Providing an amended Exhibit A: Compulsory Pooling Checklist to remove Proximity Defining Well.
- Providing an amended Exhibit D-3 and D-4 to display the Cisco and Canyon formations below the Wolfcamp D/E.
- Providing a supplemental Exhibit D-6 showing the Wolfcampian Wolfcamp D/E above the Pennsylvanian Cisco, Canyon, and Strawn formations.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By: 

Miguel A. Suazo

James P. Parrot

Jacob L. Everhart

Ryan McKee

Beatty & Wozniak, P.C.

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**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING MARCH 19, 2026**

Case No. 25945

Sophia 20 Fed Com #300H

Sophia 20 Fed Com #302H

Sophia 20 Fed Com #303H

Sophia 20 Fed Com #304H

Sophia 20 Fed Com #305H

Sophia 20 Fed Com #307H

Eddy County, New Mexico



STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
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**APPLICATION OF XTO ENERGY, INC., FOR
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EDDY COUNTY, NEW MEXICO**

CASE NO. 25945

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 - XTO Exhibit C-2: C-102(s)
 - XTO Exhibit C-3: Plats of Tracts, Tract Ownership, Applicable Lease Numbers
 - XTO Exhibit C-4: Interest Calculations for Wolfcamp Spacing Unit
 - XTO Exhibit C-5: Sample Proposal Letter & AFEs
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 - XTO Exhibit D-3: Stratigraphical Cross-Section Map
 - XTO Exhibit D-4: Gunbarell Diagram
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- XTO Exhibit E-1: Sample Notice Letter to All Interested Parties
 - XTO Exhibit E-2: Chart of Notice to All Interested Parties
 - XTO Exhibit E-3: Copies of Certified Mail Receipts and Returns
 - XTO Exhibit E-4: Affidavit of Publication for February 14, 2026

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 25945	APPLICANT'S RESPONSE
Date	February 26, 2026
Applicant	XTO Energy, Inc.
Designated Operator & OGRID (affiliation if applicable)	5380
Applicant's Counsel:	Miguel Suazo, Beatty & Wozniak P.C.
Case Title:	Application of XTO Energy, Inc. for Approval of Standard Horizontal Spacing Unit and Compulsory Pooling, Eddy County, New Mexico
Entries of Appearance/Intervenors:	None
Well Family	Sophia 20 Fed Com
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	The top of Wolfcamp formation to the base of the Wolfcamp formation.
Pool Name and Pool Code:	Purple Sage; Wolfcamp [98220]
Well Location Setback Rules:	Order No. R-14262
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	769.28 acres, more or less
Building Blocks:	320 acres
Orientation:	North - South
Description: TRS/County	E/2 of Sections 20, 29, and 32, T-26-S, R-30-E, Eddy County, NM
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibits C-3 & C-4
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	See Attached C-102s

Well #1	<p>Sophia 20 Fed Com 300H Well (API No. Pending)</p> <p>SHL: 83 FNL 990 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 2060 FEL Sec. 20, T26S, R30E LTP: 330 FSL 2060 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 2060 FEL, (Lot 2) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>
Well #2	<p>Sophia 20 Fed Com 302H Well (API No. Pending)</p> <p>SHL: 84 FNL 1020 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 1655 FEL Sec. 20, T26S, R30E LTP: 330 FSL 1655 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 1655 FEL, (Lot 2) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>
Well #3	<p>Sophia 20 Fed Com 303H Well (API No. Pending)</p> <p>SHL: 84 FNL 1050 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 700 FEL Sec. 20, T26S, R30E LTP: 330 FSL 700 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 700 FEL, (Lot 1) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>
Well #4	<p>Sophia 20 Fed Com 304H Well (API No. Pending)</p> <p>SHL: 84 FNL 1080 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 370 FEL Sec. 20, T26S, R30E LTP: 330 FSL 370 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 370 FEL, (Lot 1) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>

Well #5	<p>Sophia 20-29-32 Fed State Com 305H Well (API No. Pending)</p> <p>SHL: 158 FNL 990 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 2280 FEL Sec. 20, T26S, R30E LTP: 330 FSL 2280 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 2280 FEL, (Lot 2) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>
Well #6	<p>Sophia 20 Fed Com 307H Well (API No. Pending)</p> <p>SHL: 159 FNL 1050 FWL, NW/4 NW/4 (Unit D) of Sec. 20, T26S, R30E N.M.P.M. FTP: 330 FNL 1030 FEL Sec. 20, T26S, R30E LTP: 330 FSL 1030 FEL Sec. 32, T26S, R30E BHL: 50 FSL, 1030 FEL, (Lot 1) of Sec. 32, T26S, R30E, N.M.P.M.</p> <p>Completion Target: Purple Sage; Wolfcamp [98220] Well Orientation: North-South Completion Location: Standard</p>
Horizontal Well First and Last Take Points	Exhibit C-2
Completion Target (Formation, TVD and MD)	Exhibit C-5
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,500
Production Supervision/Month \$	\$750
Justification for Supervision Costs	Exhibits C & Exhibit C-5
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E-2 & Exhibit E-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit E-4
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits C-3 and C-4
Tract List (including lease numbers and owners)	Exhibits C-3 and C-4
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Released to Imaging: 3/13/2026 9:47:31 AM Pooled Parties (including ownership type)	Exhibit C-3 and C-4

Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit C-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibits C-3 & C-4
Chronology of Contact with Non-Joined Working Interests	Exhibit C-6
Overhead Rates In Proposal Letter	Exhibit C-5
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-4
Well Orientation (with rationale)	Exhibit D-2
Target Formation	Exhibit D-1 through D-5
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit C-2
Tracts	Exhibits C-3 & C-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits C-3 & C-4
General Location Map (including basin)	Exhibits C-1 and D-1
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-3
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Miguel Suazo
Signed Name (Attorney or Party Representative):	
Date:	2/26/2026

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

**APPLICATION OF XTO ENERGY INC.,
FOR APPROVAL OF STANDARD
HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, EDDY
COUNTY, NEW MEXICO**

CASE NO. _____

APPLICATION

XTO Energy Inc., OGRID No. 005380 (“XTO” or “Applicant”), through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a 769.28-acre, more or less, standard horizontal spacing unit (“HSU”) composed of the E/2 of Sections 20, 29, and 32, Township 26 South, Range 30 East, N.M.P.M., Eddy County, New Mexico (the “Application Lands”), and (2) pooling all uncommitted mineral interests in the Purple Sage; Wolfcamp Pool [98220], designated as a gas pool, underlying said HSU.

In support of its Application, XTO states the following:

1. XTO and/or its affiliates are working interest owners in the Application Lands and have the right to drill the well(s) thereon as the designated Operator of the Application Lands.
2. XTO seeks to dedicate all of the Application Lands to form a 769.28-acre, more or less, HSU.
3. XTO seeks to dedicate the above-referenced HSU to the following proposed wells:
 - A. **Sophia 20 Federal Com 300H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East;

B. **Sophia 20 Federal Com 302H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East;

C. **Sophia 20 Federal Com 303H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East;

D. **Sophia 20 Federal Com 304H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East;

E. **Sophia 20-29-32 Federal State Com 305H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East;

F. **Sophia 20 Federal Com 307H** (API No. *Pending*), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East;

4. The wells are orthodox in their locations as defined by 19.15.16.15.(C) NMAC, and the take points and laterals comply with Special Pool Rules R-14262 setbacks for the Purple Sage; Wolfcamp.

5. XTO has made good faith efforts to obtain voluntary agreement from all interest owners in the Purple Sage; Wolfcamp Pool underlying the proposed spacing unit, but has been unable to secure agreement from all parties to participate in the drilling of the wells or otherwise commit their interests.

6. The pooling of all interests in the Purple Sage; Wolfcamp (Gas) Pool within the proposed unit will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

7. To provide for its just and fair share of oil and gas underlying the Application Lands, XTO requests that all uncommitted interests in this HSU be pooled and that XTO be designated as the operator of the proposed horizontal wells and HSU.

WHEREFORE, XTO requests this Application be set for hearing on March 5, 2026, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Approving the horizontal well spacing unit and pooling all uncommitted interests in Purple Sage; Wolfcamp Gas Pool underlying the HSU within the Application Lands;
- B. Approving the **Sophia 20 Federal Com 300H, Sophia 20 Federal Com 302H, Sophia 20 Federal Com 303H, Sophia 20 Federal Com 304H, Sophia 20-29-32 Federal State Com 305H, and Sophia 20 Federal Com 307H** as the initial wells for the HSU;
- C. Designating XTO as operator of the HSU and the horizontal wells to be drilled thereon;

- D. Authorizing XTO to recover its costs of drilling, completing, and equipping the wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by XTO in drilling, equipping, and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

BEATTY & WOZNIAK, P.C.

By: 

Miguel A. Suazo
James P. Parrot
Jacob L. Everhart
Ryan McKee
500 Don Gaspar Ave.,
Santa Fe, NM 87505
(505) 946-2090
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jeverhart@bwenergylaw.com
rmckee@bwenergylaw.com
Attorneys for XTO Energy Inc.,

Application of XTO Energy Inc., for Approving a Standard Horizontal Spacing Unit and Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) approving a 769.28-acre, more or less, standard horizontal spacing and proration unit composed of the E/2 of Sections 20, 29, and 32, Township 26 South, Range 30 East, N.M.P.M., Eddy County, New Mexico and (2) pooling all uncommitted mineral interests in the Purple Sage; Wolfcamp formation, designated as a gas pool, underlying said unit. The proposed wells to be dedicated to the horizontal spacing unit are the: **Sophia 20 Federal Com 300H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 302H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 303H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 304H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East; **Sophia 20-29-32 Federal State Com 305H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; and **Sophia 20 Federal Com 307H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East. The wells are orthodox in location, and the take points and laterals comply with Special Pool Rules R-14262 setbacks for the Purple Sage; Wolfcamp. The well and lands are located approximately 16.10 miles southeast of Malaga, New Mexico.

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

APPLICATION OF XTO ENERGY, INC., FOR
APPROVAL OF A STANDARD HORIZONTAL
SPACING UNIT AND COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO

CASE NO. 25945

SELF-AFFIRMED STATEMENT OF CHAD SMITH

Chad Smith, being first duly sworn upon oath, deposes and states as follows:

1. My name is Chad Smith, and I am employed by XTO Energy, Inc. ("XTO") as Commercial and Land Advisor.
2. I have previously testified before the New Mexico Oil Conservation Division ("Division"), and my qualifications as an expert in petroleum land matters were accepted and made a matter of record. I have several years of experience in petroleum land matters, and I have worked directly or in a supervisory role with the properties that are the subject of this matter.
3. I am familiar with the application filed by XTO in the above-referenced case and the status of the subject lands.
4. I am submitting this statement in support of XTO's application in the above-referenced case, as required by the Pre-Hearing Order issued by the Division. I intend to present this case by affidavit pursuant to 19.15.4.12.(A)(1) NMAC.
5. XTO seeks an order (1) approving a standard 769.28-acre, more or less, horizontal spacing unit ("HSU") underlying the lands incorporated herein by reference via the initial application filed under Case No. 25945, and (2) pooling all uncommitted mineral interests in the Purple Sage; Wolfcamp Pool (98220), designated as a gas pool, underlying said HSU, and (3)

dedicating the HSU to the subject wells incorporated herein by reference via the initial application filed under Case No. 25945.

6. **XTO Exhibit C-1** is a general location map showing the proposed HSU. The acreage subject to the applications are federal lands.

7. **XTO Exhibit C-2** contains the Form C-102s reflecting the proposed Purple Sage; Wolfcamp Pool Wells to be drilled and completed in the HSU. The location of each well is orthodox and meets the Division's offset requirements.

8. A review of the Purple Sage; Wolfcamp Pool underlying the subject lands indicated that there are no overlapping spacing units in this pool.

9. **XTO Exhibit C-3** contains a plat identifying ownership by tract in the HSU and applicable federal lease numbers.

10. **XTO Exhibit C-4** sets forth the ownership of the parties being pooled in the Purple Sage; Wolfcamp Pool and the nature of their interests. This exhibit identifies the tract number and working interest percentages for each owner.

11. **XTO Exhibit C-4** also includes detail regarding the notice provided to uncommitted owners, as required by the OCD's November 1, 2025, Public Note: Clarification of Evidentiary Requirements for Compulsory Pooling Applications. The exhibit provides the owner name, ownership status, commitment type, and notice details provided.

12. **XTO Exhibit C-5** contains a sample well proposal letter sent in December of 2025 to each working interest owner, which included AFEs for each proposed well. The estimated costs of the wells set forth in the AFEs are fair, reasonable, and comparable with the costs of other wells of similar depths and lateral lengths drilled in this area of New Mexico.

13. XTO requests overhead and administrative rates of \$7,500/month for drilling each well and \$750/month for producing each well. These rates are fair and comparable to the rates charged by other operators for similar wells in this area of New Mexico. XTO respectfully requests that these administrative and overhead costs be incorporated into any orders entered by the Division in these cases.

14. XTO requests the maximum cost, plus 200% risk charge be assessed against non-consenting working interest owners.

15. **XTO Exhibit C-6** sets forth a chronology of contact with each of the owners XTO seeks to pool. XTO has made a good faith effort to obtain voluntary joinder of the interest owners in the proposed wells.

In compiling the working interest parties' addresses, I conducted a diligent search of the public records in Eddy County, New Mexico, where the wells are located and did computer searches to locate the contact information for parties entitled to notification. All working interest owners were locatable and noticed, and there are no unleased mineral interest owners. XTO caused notice to be published in the Carlsbad-Current Argus, a newspaper of general circulation in Eddy County, New Mexico. I provided the law firm Beatty & Wozniak, P.C., with the names and addresses for these working interest owners and instructed that each owner be provided notice of the hearing in these matters.

16. XTO requests that it be designated operator of the HSU and wells.

17. **Exhibit C-1** through **Exhibit C-6** were either prepared by me or compiled from XTO's company business records under my direction and supervision.

18. The granting of this application for compulsory pooling and approval of a standard spacing unit is in the best interest of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

19. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.

[Remainder of page left intentionally blank]

FURTHER AFFIANT SAYETH NOT.

Dated this 25 day of February, 2026.

Chad Smith

Chad Smith
XTO Energy, Inc.

STATE OF COLORADO)
) ss.
COUNTY OF DENVER)

The foregoing instrument was subscribed and sworn to before me this 25th day of February, 2026, by Chad Smith, Land Advisor for XTO Energy, Inc.

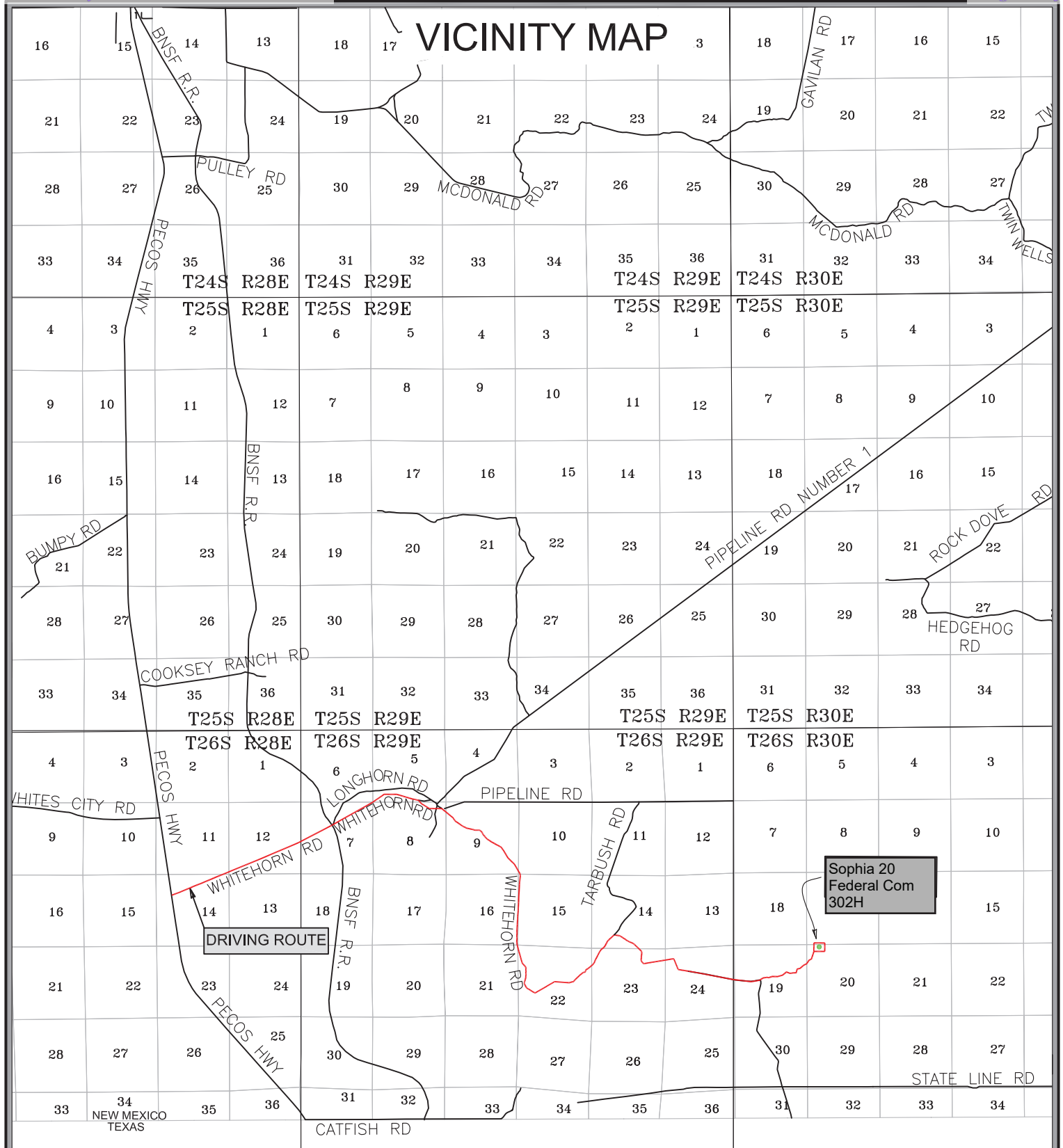
Witness my hand and official seal.

My commission expires: 3/4/27

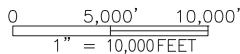
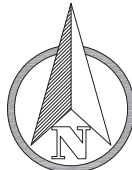
[Signature]

MARY GRACE T. GO-HOVELAND
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114013519
MY COMMISSION EXPIRES MARCH 4, 2027

VICINITY MAP



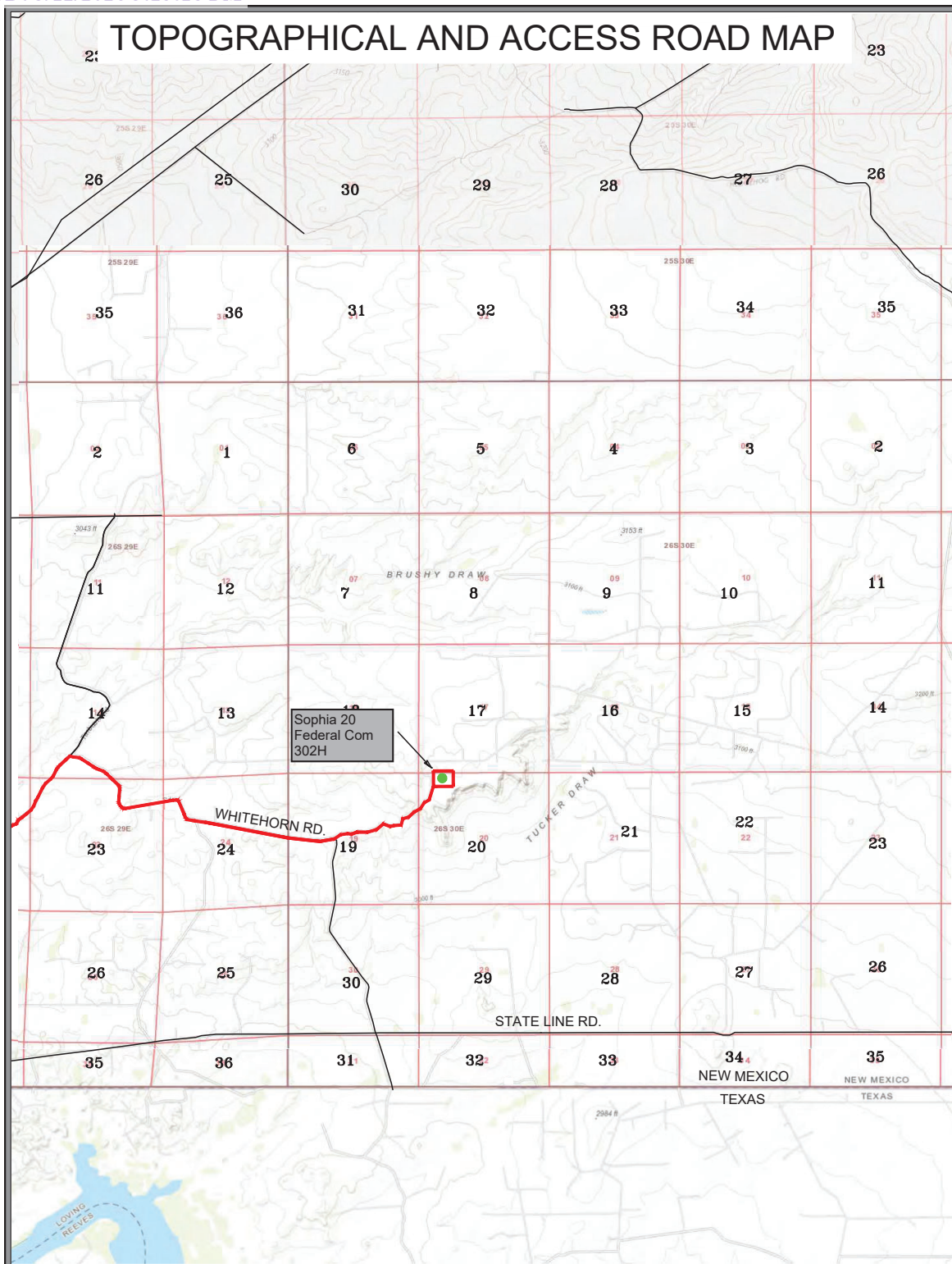
SOPHIA 20 FEDERAL COM 302H
 LOCATED 1,020 FEET FROM THE WEST LINE
 AND 84 FEET FROM THE NORTH LINE OF
 SECTION 20, TOWNSHIP 26 SOUTH, RANGE 30
 EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO



FSC INC
 SURVEYORS + ENGINEERS
 2821 West 7th Street, Suite 200
 Fort Worth, TX 76107
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10193887
 www.fscinc.net



DATE: 8-31-2024
 DRAWN BY: LM
 CHECKED BY: CH
 FIELD CREW: IR
 PROJECT NO: 2024070332
 SCALE: 1" = 10,000'
 SHEET: 2 OF 3
 REVISION: NONE



DIRECTIONS TO THIS LOCATION:

FROM THE INTERSECTION OF US HIGHWAY 285 S AND WHITEHORN RD, GO EAST ON WHITEHORN RD FOR APPROX. 11.2 MILES TO A LEASE ROAD. GO EAST ON LEASE ROAD FOR APPROX. 1.0 MILE AND THE LOCATION IS TO THE EAST.

SOPHIA 20- FEDERAL COM 302H
LOCATED 1,020 FEET FROM THE WEST LINE
AND 84 FEET FROM THE NORTH LINE OF
SECTION 20, TOWNSHIP 26 SOUTH, RANGE 30
EAST, N.M.P.M. EDDY COUNTY, NEW MEXICO



0 2,500' 5,000'
1" = 5,000 FEET



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TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net
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DATE:	8-31-2024	PROJECT NO:	2024070332
DRAWN BY:	LM	SCALE:	1" = 5,000'
CHECKED BY:	CH	SHEET:	3 OF 3
FIELD CREW:	IR	REVISION:	

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20 FEDERAL COM	Well Number 300H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,123'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		83' FNL	990' FWL	32.034991	-103.908843	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	50' FSL	2,060' FEL	32.000263	-103.901434	EDDY

Dedicated Acres 769.28	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		83' FNL	990' FWL	32.034991	-103.908843	EDDY

First Take Point (FTP)

UL B	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		330' FNL	2,060' FEL	32.034332	-103.901567	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	330' FSL	2,060' FEL	32.001033	-103.901434	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,123'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> <p style="text-align: right; color: red;"> 22 October 2025 </p> <div style="text-align: right;"> </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

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



2205 Walnut Street - Columbus, TX 78934
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10000100
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DATE: 10-21-2025 PROJECT NO: 2024070332
 DRAWN BY: WL SCALE:
 CHECKED BY: LM SHEET: 1 OF 2
 FIELD CREW: IR REVISION: 0

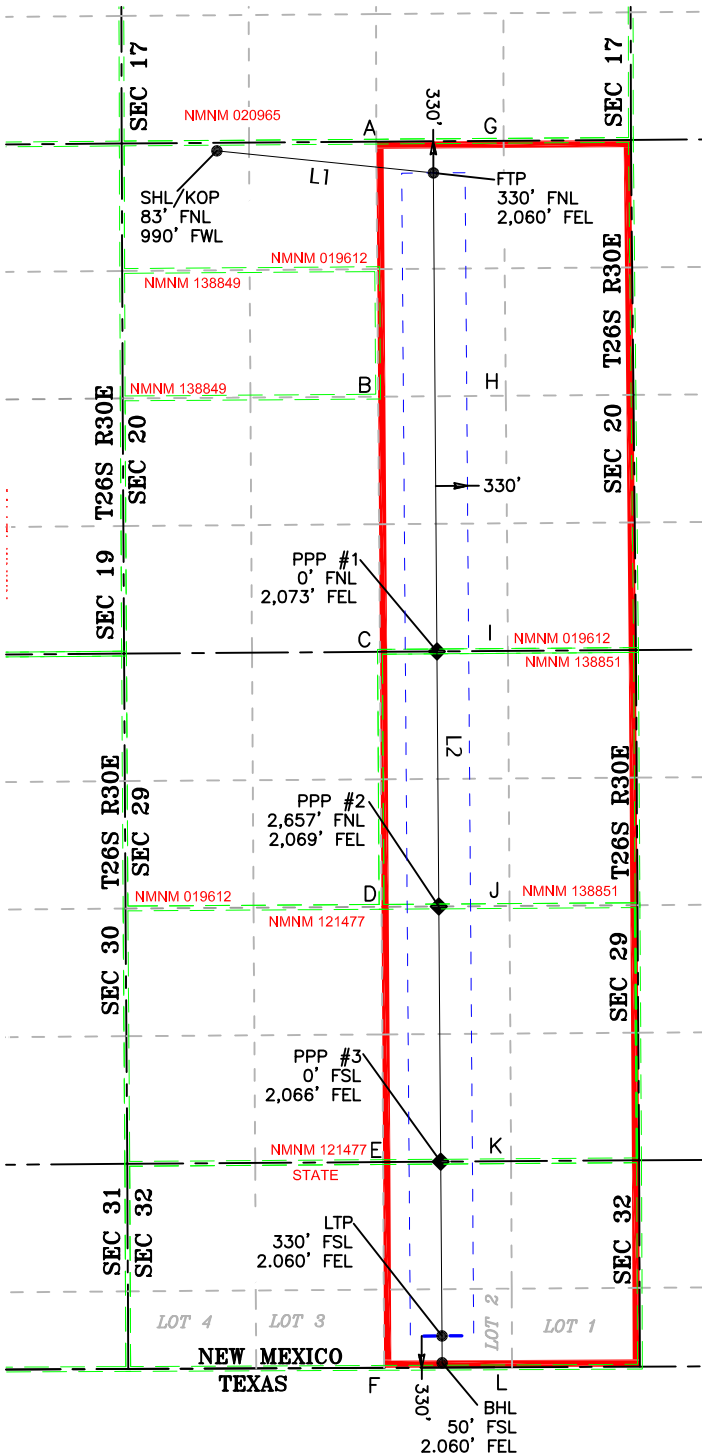
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ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,726.5	N	Y =	376,496.0	N	Y =	371,512.1	N	Y =	366,197.5	N
X =	672,874.9	E	X =	675,130.5	E	X =	675,167.4	E	X =	675,206.8	E
LAT. =	32.034991	°N	LAT. =	32.034332	°N	LAT. =	32.020632	°N	LAT. =	32.006022	°N
LONG. =	103.908843	°W	LONG. =	103.901567	°W	LONG. =	103.901512	°W	LONG. =	103.901454	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,382.6	N	Y =	364,102.6	N	Y =	368,855.5	N			
X =	675,220.3	E	X =	675,221.5	E	X =	675,187.1	E			
LAT. =	32.001033	°N	LAT. =	32.000263	°N	LAT. =	32.013329	°N			
LONG. =	103.901434	°W	LONG. =	103.901434	°W	LONG. =	103.901483	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,668.9	N	Y =	376,438.4	N	Y =	371,454.7	N	Y =	366,140.2	N
X =	631,689.2	E	X =	633,944.8	E	X =	633,981.5	E	X =	634,020.8	E
LAT. =	32.034865	°N	LAT. =	32.034207	°N	LAT. =	32.020506	°N	LAT. =	32.005896	°N
LONG. =	103.908363	°W	LONG. =	103.901087	°W	LONG. =	103.901033	°W	LONG. =	103.900975	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,325.4	N	Y =	364,045.4	N	Y =	368,798.1	N			
X =	634,034.2	E	X =	634,035.4	E	X =	634,001.1	E			
LAT. =	32.000907	°N	LAT. =	32.000137	°N	LAT. =	32.013203	°N			
LONG. =	103.900955	°W	LONG. =	103.900955	°W	LONG. =	103.901004	°W			



LEGEND

- SECTION LINE
- PROPOSED WELLBORE
- NEW MEXICO MINERAL LEASE LINE
- 330' BUFFER
- DEDICATED ACREAGE

SEC 32 LOT ACREAGE TABLE

- LOT 1 - 24.69 ACRES
- LOT 2 - 24.59 ACRES
- LOT 3 - 24.49 ACRES
- LOT 4 - 24.39 ACRES

LINE TABLE

LINE	AZIMUTH	DISTANCE
L1	AZ 95°50'07"	2267.31'
L2	AZ 179°34'46"	12393.75'

CORNER COORDINATES (NAD83 NME)

A - Y =	376,822.0	N	A - X =	674,535.4	E
B - Y =	374,165.7	N	B - X =	674,554.7	E
C - Y =	371,508.0	N	C - X =	674,574.0	E
D - Y =	368,851.6	N	D - X =	674,590.4	E
E - Y =	366,193.3	N	E - X =	674,606.8	E
F - Y =	364,049.9	N	F - X =	674,617.1	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)

A - Y =	376,764.4	N	A - X =	633,349.7	E
B - Y =	374,108.2	N	B - X =	633,368.9	E
C - Y =	371,450.6	N	C - X =	633,388.1	E
D - Y =	368,794.2	N	D - X =	633,404.5	E
E - Y =	366,136.0	N	E - X =	633,420.8	E
F - Y =	363,992.7	N	F - X =	633,431.0	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E



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DATE: 10-21-2025 PROJECT NO: 2024070332
 DRAWN BY: WL SCALE: 1" = 2,000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20 FEDERAL COM	Well Number 302H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,123'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		84' FNL	1,020' FWL	32.034990	-103.908746	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	50' FSL	1,665' FEL	32.000263	-103.900127	EDDY

Dedicated Acres 769.28	Infill or Defining Well DEFINING	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		84' FNL	1,020' FWL	32.034990	-103.908746	EDDY

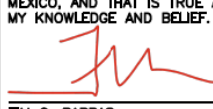

First Take Point (FTP)

UL B	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		330' FNL	1,655' FEL	32.034335	-103.900260	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	330' FSL	1,655' FEL	32.001033	-103.900127	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,123'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> <p style="text-align: right; color: red;">  22 October 2025 </p> <p style="text-align: right;">  </p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

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



2205 Walnut Street - Columbus, TX 78934
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10000100
 www.fscinc.net

DATE: 10-21-2025 PROJECT NO: 2024070333
 DRAWN BY: WL SCALE:
 CHECKED BY: LM SHEET: 1 OF 2
 FIELD CREW: IR REVISION: 0

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ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,726.5	N	Y =	376,498.7	N	Y =	371,515.0	N	Y =	366,200.3	N
X =	672,904.9	E	X =	675,535.5	E	X =	675,572.4	E	X =	675,611.8	E
LAT. =	32.034990	°N	LAT. =	32.034335	°N	LAT. =	32.020635	°N	LAT. =	32.006025	°N
LONG. =	103.908746	°W	LONG. =	103.900260	°W	LONG. =	103.900206	°W	LONG. =	103.900147	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,384.4	N	Y =	364,104.4	N	Y =	368,858.2	N			
X =	675,625.3	E	X =	675,626.5	E	X =	675,592.1	E			
LAT. =	32.001033	°N	LAT. =	32.000263	°N	LAT. =	32.013332	°N			
LONG. =	103.900127	°W	LONG. =	103.900127	°W	LONG. =	103.900176	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,668.9	N	Y =	376,441.1	N	Y =	371,457.6	N	Y =	366,143.0	N
X =	631,719.2	E	X =	634,349.7	E	X =	634,386.5	E	X =	634,425.8	E
LAT. =	32.034865	°N	LAT. =	32.034210	°N	LAT. =	32.020510	°N	LAT. =	32.005900	°N
LONG. =	103.908266	°W	LONG. =	103.899780	°W	LONG. =	103.899726	°W	LONG. =	103.899668	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,327.2	N	Y =	364,047.2	N	Y =	368,800.8	N			
X =	634,439.2	E	X =	634,440.4	E	X =	634,406.1	E			
LAT. =	32.000908	°N	LAT. =	32.000138	°N	LAT. =	32.013206	°N			
LONG. =	103.899649	°W	LONG. =	103.899648	°W	LONG. =	103.899697	°W			

SEC 32 LOT ACREAGE TABLE	
LOT 1 -	24.69 ACRES
LOT 2 -	24.59 ACRES
LOT 3 -	24.49 ACRES
LOT 4 -	24.39 ACRES

- SECTION LINE
- PROPOSED WELLBORE
- NEW MEXICO MINERAL LEASE LINE
- 330' BUFFER
- DEDICATED ACREAGE

LINE TABLE

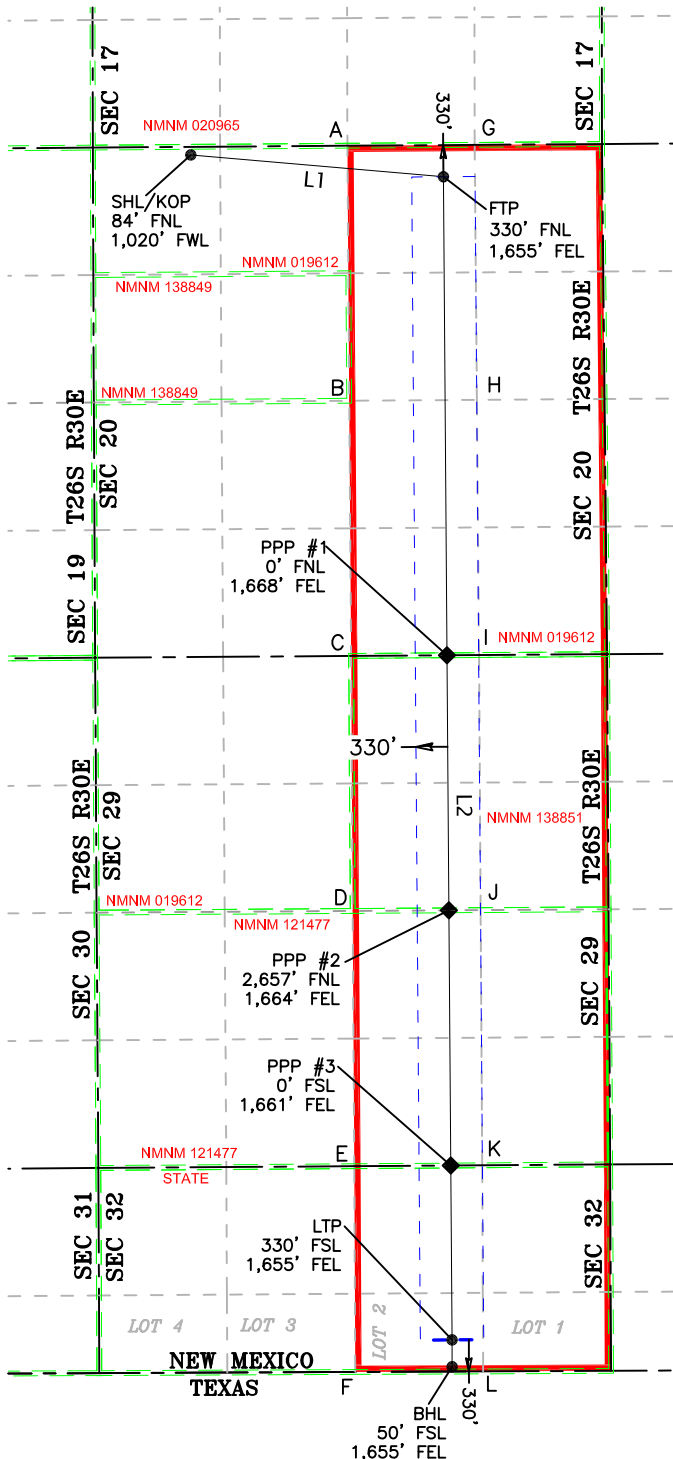
LINE	AZIMUTH	DISTANCE
L1	AZ 94°56'56"	2640.40'
L2	AZ 179°34'46"	12394.66'

CORNER COORDINATES (NAD83 NME)

A - Y =	376,822.0	N	A - X =	674,535.4	E
B - Y =	374,165.7	N	B - X =	674,554.7	E
C - Y =	371,508.0	N	C - X =	674,574.0	E
D - Y =	368,851.6	N	D - X =	674,590.4	E
E - Y =	366,193.3	N	E - X =	674,606.8	E
F - Y =	364,049.9	N	F - X =	674,617.1	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)

A - Y =	376,764.4	N	A - X =	633,349.7	E
B - Y =	374,108.2	N	B - X =	633,368.9	E
C - Y =	371,450.6	N	C - X =	633,388.1	E
D - Y =	368,794.2	N	D - X =	633,404.5	E
E - Y =	366,136.0	N	E - X =	633,420.8	E
F - Y =	363,992.7	N	F - X =	633,431.0	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E



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DATE: 10-21-2025 PROJECT NO: 2024070333
 DRAWN BY: WL SCALE: 1" = 2,000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20 FEDERAL COM	Well Number 303H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,123'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		84' FNL	1,050' FWL	32.034990	-103.908650	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	1	50' FSL	700' FEL	32.000265	-103.897046	EDDY

Dedicated Acres 769.28	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		84' FNL	1,050' FWL	32.034990	-103.908650	EDDY

First Take Point (FTP)

UL A	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		330' FNL	700' FEL	32.034343	-103.897178	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	1	330' FSL	700' FEL	32.001035	-103.897047	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,123'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> <p style="text-align: right;"><i>22 October 2025</i></p> <p>TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

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



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 Ph: 817.349.9800 - Fax: 979.732.5271
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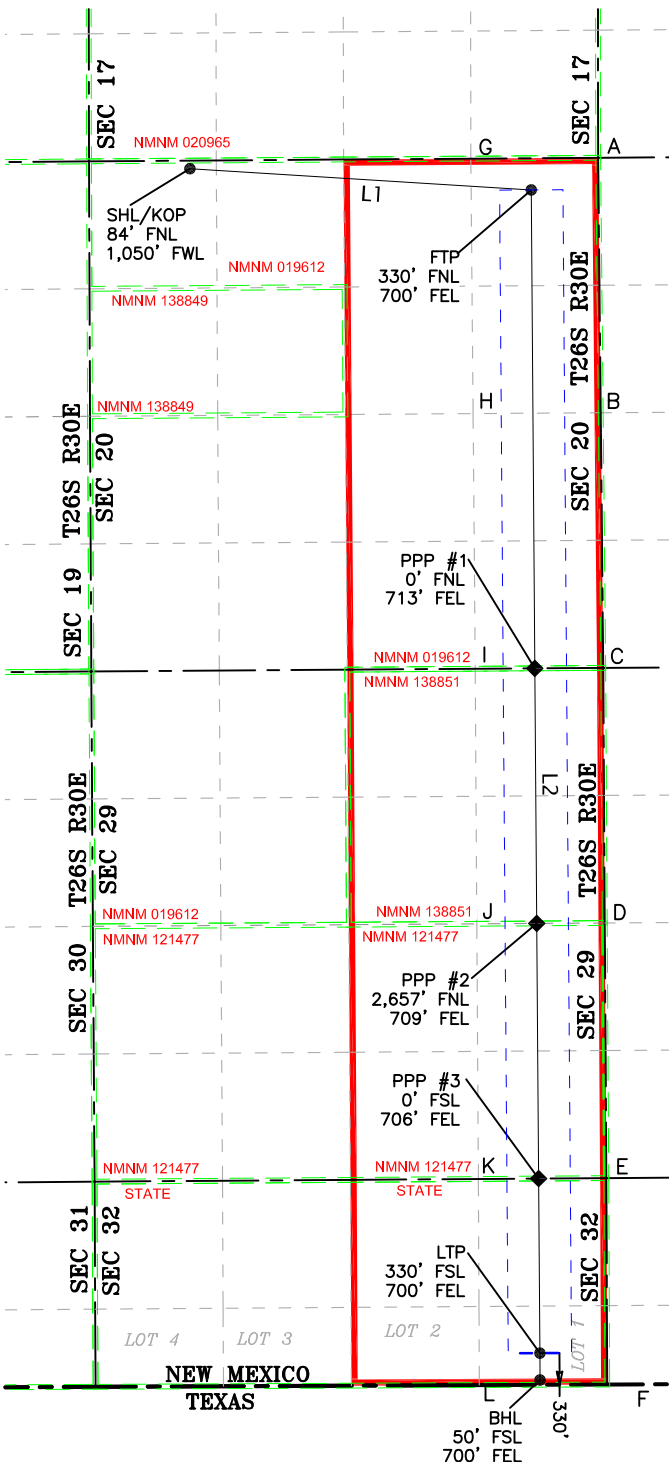
DATE:	10-21-2025	PROJECT NO:	2024070334
DRAWN BY:	WL	SCALE:	
CHECKED BY:	LM	SHEET:	1 OF 2
FIELD CREW:	IR	REVISION:	0

ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,726.5	N	Y =	376,505.2	N	Y =	371,521.7	N	Y =	366,207.0	N
X =	672,934.9	E	X =	676,490.5	E	X =	676,527.4	E	X =	676,566.8	E
LAT. =	32.034990	°N	LAT. =	32.034343	°N	LAT. =	32.020643	°N	LAT. =	32.006033	°N
LONG. =	103.908650	°W	LONG. =	103.897178	°W	LONG. =	103.897124	°W	LONG. =	103.897066	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,388.7	N	Y =	364,108.7	N	Y =	368,864.4	N			
X =	676,580.4	E	X =	676,581.4	E	X =	676,547.1	E			
LAT. =	32.001035	°N	LAT. =	32.000265	°N	LAT. =	32.013339	°N			
LONG. =	103.897047	°W	LONG. =	103.897046	°W	LONG. =	103.896775	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,668.9	N	Y =	376,447.6	N	Y =	371,464.3	N	Y =	366,149.7	N
X =	631,749.2	E	X =	635,304.7	E	X =	635,341.5	E	X =	635,380.7	E
LAT. =	32.034865	°N	LAT. =	32.034217	°N	LAT. =	32.020518	°N	LAT. =	32.005907	°N
LONG. =	103.908169	°W	LONG. =	103.896699	°W	LONG. =	103.896645	°W	LONG. =	103.896588	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,331.5	N	Y =	364,051.5	N	Y =	368,807.0	N			
X =	635,394.3	E	X =	635,395.3	E	X =	635,361.1	E			
LAT. =	32.000909	°N	LAT. =	32.000139	°N	LAT. =	32.013213	°N			
LONG. =	103.896568	°W	LONG. =	103.896568	°W	LONG. =	103.896616	°W			



SEC 32 LOT ACREAGE TABLE	
LOT 1	- 24.69 ACRES
LOT 2	- 24.59 ACRES
LOT 3	- 24.49 ACRES
LOT 4	- 24.39 ACRES

LEGEND	
---	SECTION LINE
---	PROPOSED WELLBORE
---	NEW MEXICO MINERAL LEASE LINE
---	330' BUFFER
---	DEDICATED ACREAGE

LINE TABLE		
LINE	AZIMUTH	DISTANCE
L1	AZ 93°33'42"	3562.42'
L2	AZ 179°34'46"	12396.78'

CORNER COORDINATES (NAD83 NME)					
A - Y =	376,839.9	N	A - X =	677,187.1	E
B - Y =	374,184.2	N	B - X =	677,214.1	E
C - Y =	371,526.6	N	C - X =	677,240.2	E
D - Y =	368,869.1	N	D - X =	677,256.0	E
E - Y =	366,211.9	N	E - X =	677,272.5	E
F - Y =	364,061.9	N	F - X =	677,281.6	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)					
A - Y =	376,782.3	N	A - X =	636,001.3	E
B - Y =	374,126.7	N	B - X =	636,028.2	E
C - Y =	371,469.2	N	C - X =	636,054.3	E
D - Y =	368,811.7	N	D - X =	636,070.0	E
E - Y =	366,154.6	N	E - X =	636,086.4	E
F - Y =	364,004.7	N	F - X =	636,095.5	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E



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DATE: 10-21-2025 PROJECT NO: 2024070334
 DRAWN BY: WL SCALE: 1" = 2000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20 FEDERAL COM	Well Number 304H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,123'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section 20	Township 26 S	Range 30 E	Lot	Ft. from N/S 84' FNL	Ft. from E/W 1,080' FWL	Latitude 32.034990	Longitude -103.908553	County EDDY
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Bottom Hole Location

UL	Section 32	Township 26 S	Range 30 E	Lot 1	Ft. from N/S 50' FSL	Ft. from E/W 370' FEL	Latitude 32.000265	Longitude -103.895982	County EDDY
----	------------	---------------	------------	-------	-------------------------	--------------------------	-----------------------	--------------------------	----------------

Dedicated Acres 769.28	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section 20	Township 26 S	Range 30 E	Lot	Ft. from N/S 84' FNL	Ft. from E/W 1,080' FWL	Latitude 32.034990	Longitude -103.908553	County EDDY
------	------------	---------------	------------	-----	-------------------------	----------------------------	-----------------------	--------------------------	----------------


First Take Point (FTP)

UL A	Section 20	Township 26 S	Range 30 E	Lot	Ft. from N/S 330' FNL	Ft. from E/W 370' FEL	Latitude 32.034345	Longitude -103.896114	County EDDY
------	------------	---------------	------------	-----	--------------------------	--------------------------	-----------------------	--------------------------	----------------

Last Take Point (LTP)

UL	Section 32	Township 26 S	Range 30 E	Lot 1	Ft. from N/S 330' FSL	Ft. from E/W 370' FEL	Latitude 32.001035	Longitude -103.895982	County EDDY
----	------------	---------------	------------	-------	--------------------------	--------------------------	-----------------------	--------------------------	----------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,123'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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><small>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</small></p> <p style="text-align: right; color: red; font-size: 1.2em;">22 October 2025</p> <p style="text-align: right;">  <small>TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209</small> </p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

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



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 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10000100
 www.fscinc.net

DATE: 10-21-2025 PROJECT NO: 2024070335
 DRAWN BY: WL SCALE:
 CHECKED BY: LM SHEET: 1 OF 2
 FIELD CREW: IR REVISION: 0

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ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,726.5	N	Y =	376,507.4	N	Y =	371,524.0	N	Y =	366,209.3	N
X =	672,964.9	E	X =	676,820.4	E	X =	676,857.4	E	X =	676,896.8	E
LAT. =	32.034990	°N	LAT. =	32.034345	°N	LAT. =	32.020646	°N	LAT. =	32.006036	°N
LONG. =	103.908553	°W	LONG. =	103.896114	°W	LONG. =	103.896059	°W	LONG. =	103.896002	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,390.2	N	Y =	364,110.3	N	Y =	368,866.6	N			
X =	676,910.2	E	X =	676,911.4	E	X =	676,877.1	E			
LAT. =	32.001035	°N	LAT. =	32.000265	°N	LAT. =	32.013341	°N			
LONG. =	103.895982	°W	LONG. =	103.895982	°W	LONG. =	103.896031	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,668.9	N	Y =	376,449.8	N	Y =	371,466.6	N	Y =	366,152.0	N
X =	631,779.2	E	X =	635,634.6	E	X =	635,671.5	E	X =	635,710.7	E
LAT. =	32.034864	°N	LAT. =	32.034220	°N	LAT. =	32.020520	°N	LAT. =	32.005910	°N
LONG. =	103.908073	°W	LONG. =	103.895634	°W	LONG. =	103.895580	°W	LONG. =	103.895523	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,333.0	N	Y =	364,053.1	N	Y =	368,809.2	N			
X =	635,724.1	E	X =	635,725.3	E	X =	635,691.1	E			
LAT. =	32.000909	°N	LAT. =	32.000140	°N	LAT. =	32.013215	°N			
LONG. =	103.895504	°W	LONG. =	103.895504	°W	LONG. =	103.895552	°W			

LEGEND

- SECTION LINE
- PROPOSED WELLBORE
- NEW MEXICO MINERAL LEASE LINE
- 330' BUFFER
- DEDICATED ACREAGE

LINE TABLE

LINE	AZIMUTH	DISTANCE
L1	AZ 93°15'08"	3861.75'
L2	AZ 179°34'31"	12117.52'
L3	AZ 179°45'22"	280.00'

CORNER COORDINATES (NAD83 NME)

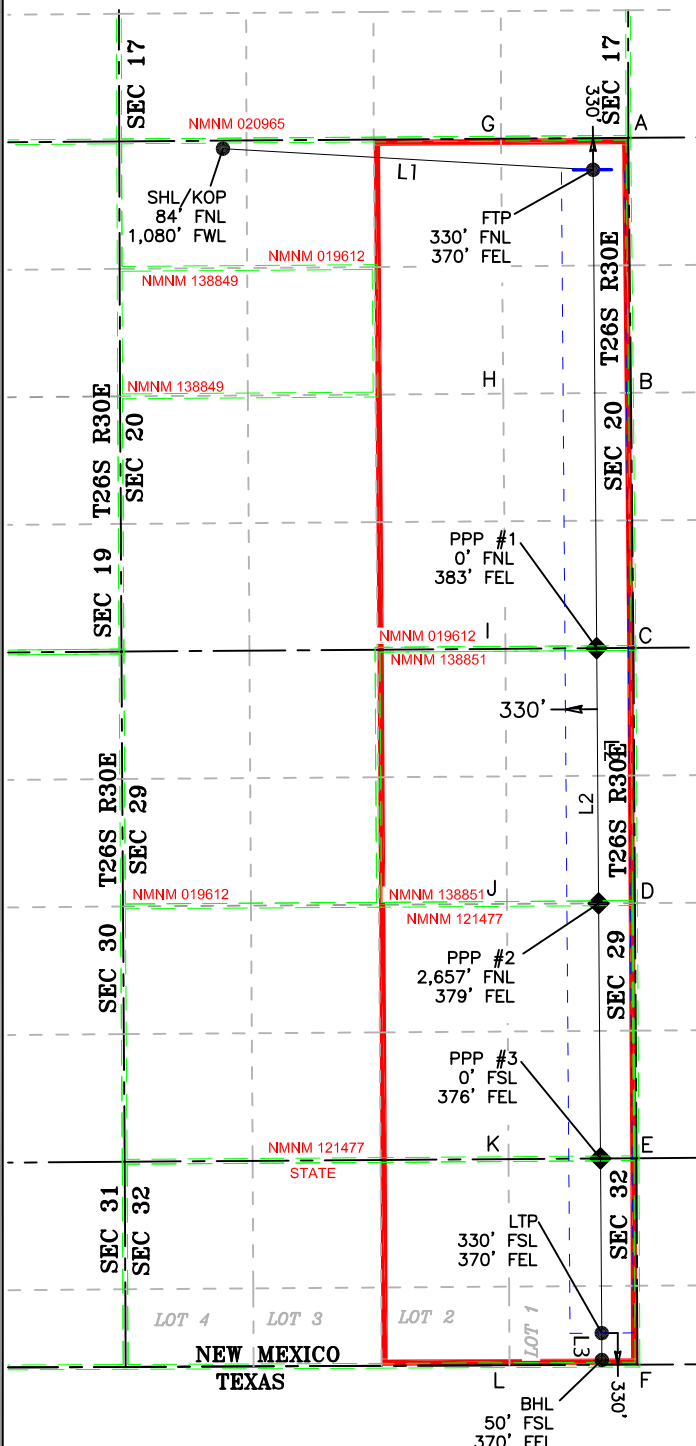
A - Y =	376,839.9	N	A - X =	677,187.1	E
B - Y =	374,184.2	N	B - X =	677,214.1	E
C - Y =	371,526.6	N	C - X =	677,240.2	E
D - Y =	368,869.1	N	D - X =	677,256.0	E
E - Y =	366,211.9	N	E - X =	677,272.5	E
F - Y =	364,061.9	N	F - X =	677,281.6	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)

A - Y =	376,782.3	N	A - X =	636,001.3	E
B - Y =	374,126.7	N	B - X =	636,028.2	E
C - Y =	371,469.2	N	C - X =	636,054.3	E
D - Y =	368,811.7	N	D - X =	636,070.0	E
E - Y =	366,154.6	N	E - X =	636,086.4	E
F - Y =	364,004.7	N	F - X =	636,095.5	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E

SEC 32 LOT ACREAGE TABLE

LOT 1 -	24.69 ACRES
LOT 2 -	24.59 ACRES
LOT 3 -	24.49 ACRES
LOT 4 -	24.39 ACRES



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DATE: 10-21-2025 PROJECT NO: 2024070335
 DRAWN BY: WL SCALE: 1" = 2,000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20-29-32 FEDERAL STATE COM	Well Number 305H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,123'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		158' FNL	990' FWL	32.034784	-103.908844	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	50' FSL	2,280' FEL	32.000263	-103.902143	EDDY

Dedicated Acres 769.28	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		158' FNL	990' FWL	32.034784	-103.908844	EDDY

First Take Point (FTP)

UL B	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		330' FNL	2,280' FEL	32.034331	-103.902277	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	2	330' FSL	2,280' FEL	32.001032	-103.902143	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,123'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</p> <p style="text-align: right; color: red;">22 October 2025</p> <p>TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

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



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DATE: 10-21-2025 PROJECT NO: 2024070336
 DRAWN BY: WL SCALE:
 CHECKED BY: LM SHEET: 1 OF 2
 FIELD CREW: IR REVISION: 0

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ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,651.5	N	Y =	376,494.5	N	Y =	371,510.6	N	Y =	366,196.0	N
X =	672,874.9	E	X =	674,910.5	E	X =	674,947.4	E	X =	674,986.8	E
LAT. =	32.034784	°N	LAT. =	32.034331	°N	LAT. =	32.020630	°N	LAT. =	32.006020	°N
LONG. =	103.908844	°W	LONG. =	103.902277	°W	LONG. =	103.902222	°W	LONG. =	103.902164	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,381.6	N	Y =	364,101.6	N	Y =	368,854.1	N			
X =	675,000.3	E	X =	675,001.5	E	X =	674,967.1	E			
LAT. =	32.001032	°N	LAT. =	32.000263	°N	LAT. =	32.013327	°N			
LONG. =	103.902143	°W	LONG. =	103.902143	°W	LONG. =	103.902193	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,593.906	N	Y =	376,436.917	N	Y =	371,453.163	N	Y =	366,138.713	N
X =	631,689.215	E	X =	633,724.759	E	X =	633,761.516	E	X =	633,800.771	E
LAT. =	32.034659	°N	LAT. =	32.034205	°N	LAT. =	32.020505	°N	LAT. =	32.005895	°N
LONG. =	103.908364	°W	LONG. =	103.901797	°W	LONG. =	103.901743	°W	LONG. =	103.901685	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,324.364	N	Y =	364,044.372	N	Y =	368,796.739	N			
X =	633,814.223	E	X =	633,815.415	E	X =	633,781.143	E			
LAT. =	32.000907	°N	LAT. =	32.000137	°N	LAT. =	32.013202	°N			
LONG. =	103.901665	°W	LONG. =	103.901664	°W	LONG. =	103.901714	°W			

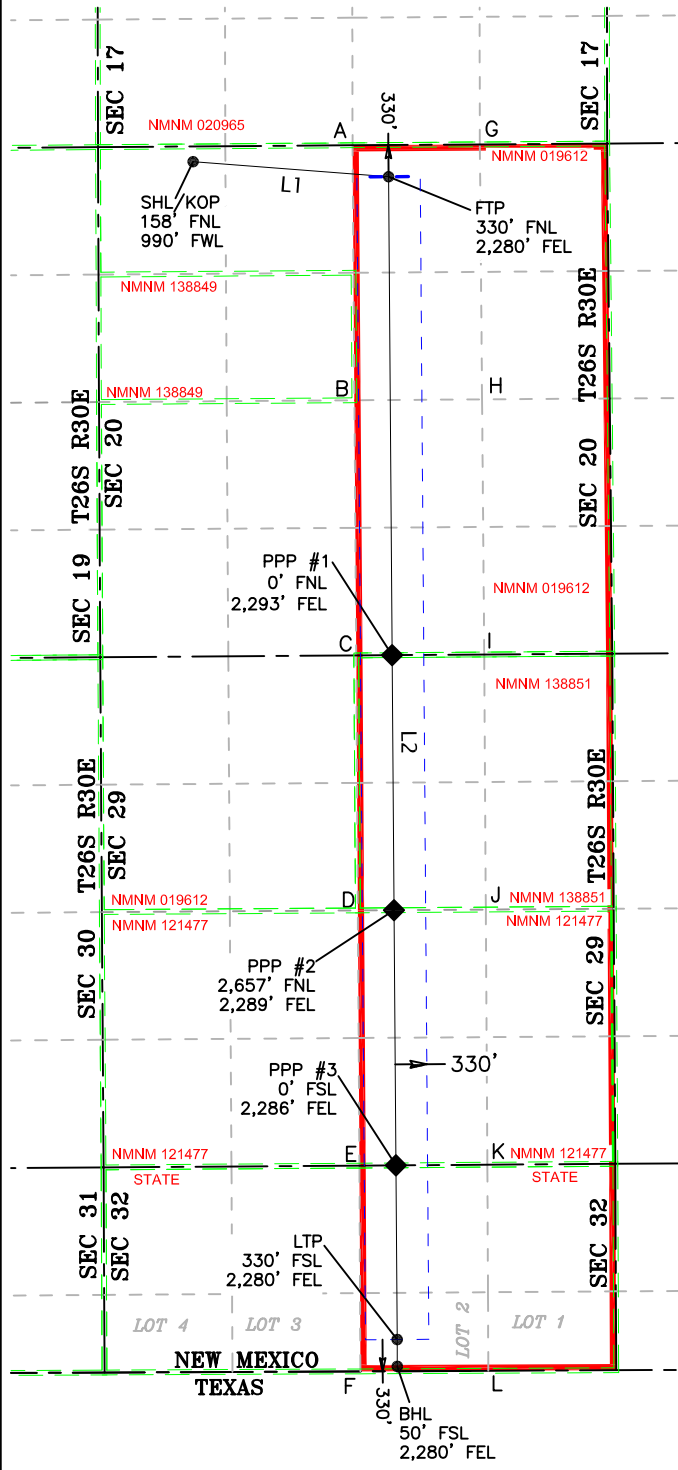
SEC 32 LOT ACREAGE TABLE

LOT 1	- 24.69 ACRES
LOT 2	- 24.59 ACRES
LOT 3	- 24.49 ACRES
LOT 4	- 24.39 ACRES

- SECTION LINE
- PROPOSED WELLBORE
- NEW MEXICO MINERAL LEASE LINE
- 330' BUFFER
- DEDICATED ACREAGE

LINE TABLE

LINE	AZIMUTH	DISTANCE
L1	AZ 94°24'38"	2041.61'
L2	AZ 179°34'46"	12393.25'



CORNER COORDINATES (NAD83 NME)

A - Y =	376,822.0	N	A - X =	674,535.4	E
B - Y =	374,165.7	N	B - X =	674,554.7	E
C - Y =	371,508.0	N	C - X =	674,574.0	E
D - Y =	368,851.6	N	D - X =	674,590.4	E
E - Y =	366,193.3	N	E - X =	674,606.8	E
F - Y =	364,049.9	N	F - X =	674,617.1	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)

A - Y =	376,764.4	N	A - X =	633,349.7	E
B - Y =	374,108.2	N	B - X =	633,368.9	E
C - Y =	371,450.6	N	C - X =	633,388.1	E
D - Y =	368,794.2	N	D - X =	633,404.5	E
E - Y =	366,136.0	N	E - X =	633,420.8	E
F - Y =	363,992.7	N	F - X =	633,431.0	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E



2205 Walnut Street - Columbus, TX 78934
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10000100
 www.fscinc.net

DATE: 10-21-2025 PROJECT NO: 2024070336
 DRAWN BY: WL SCALE: 1" = 2,000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name SOPHIA 20 FEDERAL COM	Well Number 307H
ORGID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,124'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		159' FNL	1,050' FWL	32.034784	-103.908651	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	1	50' FSL	1,030' FEL	32.000264	-103.898111	EDDY

Dedicated Acres 769.28	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL D	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		159' FNL	1,050' FWL	32.034784	-103.908651	EDDY


First Take Point (FTP)

UL A	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	20	26 S	30 E		330' FNL	1,030' FEL	32.034340	-103.898243	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	32	26 S	30 E	1	330' FSL	1,030' FEL	32.001034	-103.898111	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3,124'
---	--	--------------------------------

<p>OPERATOR CERTIFICATIONS</p> <p><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><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.</i></p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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><small>I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.</small></p> <p style="text-align: right; color: red; font-size: 1.2em;">22 October 2025</p> <p style="text-align: right;">  TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209 </p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number: TIM C. PAPPAS 21209 Date of Survey: 10/21/2025
Email Address _____	

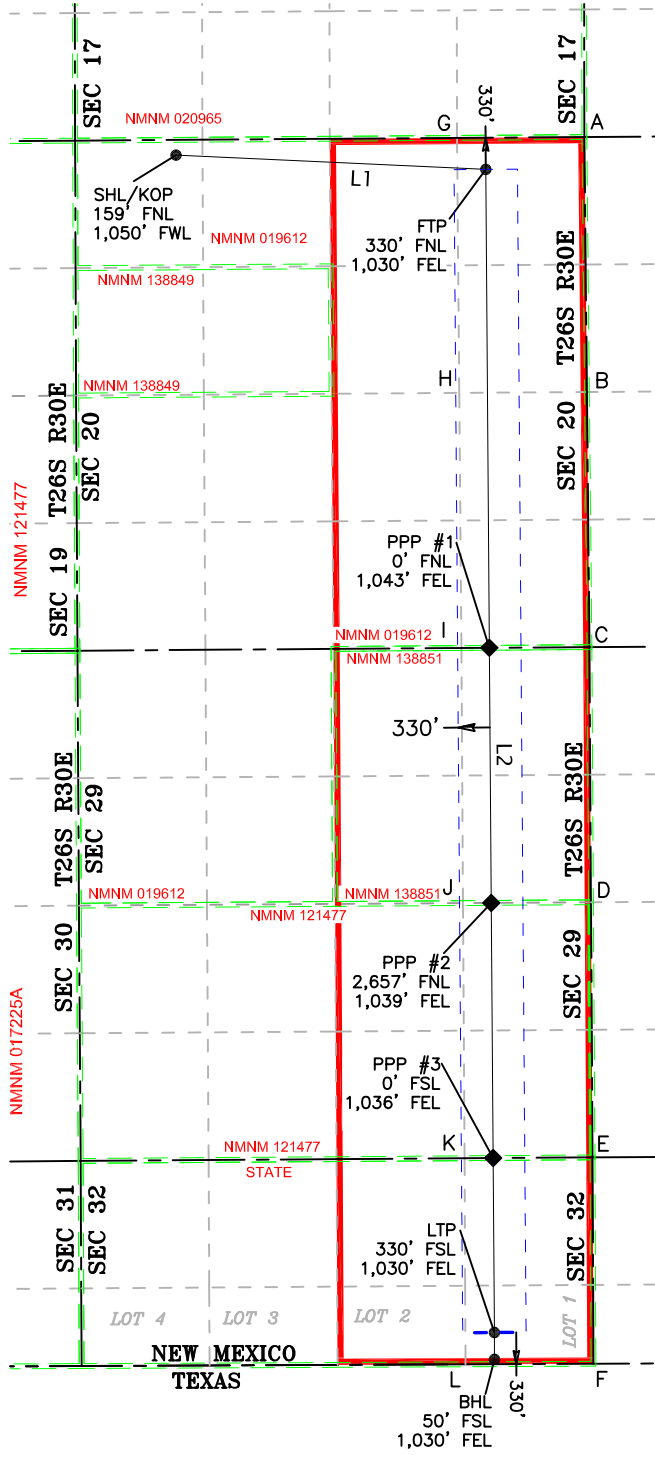
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

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

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

COORDINATE TABLE											
SHL/KOP (NAD 83 NME)			FTP (NAD 83 NME)			PPP #1 (NAD 83 NME)			PPP #3 (NAD 83 NME)		
Y =	376,651.5	N	Y =	376,503.0	N	Y =	371,519.3	N	Y =	366,204.7	N
X =	672,934.9	E	X =	676,160.5	E	X =	676,197.4	E	X =	676,236.8	E
LAT. =	32.034784	°N	LAT. =	32.034340	°N	LAT. =	32.020640	°N	LAT. =	32.006030	°N
LONG. =	103.908651	°W	LONG. =	103.898243	°W	LONG. =	103.898189	°W	LONG. =	103.898131	°W
LTP (NAD 83 NME)			BHL (NAD 83 NME)			PPP #2 (NAD 83 NME)					
Y =	364,387.2	N	Y =	364,107.2	N	Y =	368,862.3	N			
X =	676,250.3	E	X =	676,251.4	E	X =	676,217.1	E			
LAT. =	32.001034	°N	LAT. =	32.000264	°N	LAT. =	32.013336	°N			
LONG. =	103.898111	°W	LONG. =	103.898111	°W	LONG. =	103.898160	°W			
SHL/KOP (NAD 27 NME)			FTP (NAD 27 NME)			PPP #1 (NAD 27 NME)			PPP #3 (NAD 27 NME)		
Y =	376,593.9	N	Y =	376,445.4	N	Y =	371,461.9	N	Y =	366,147.4	N
X =	631,749.2	E	X =	634,974.7	E	X =	635,011.5	E	X =	635,050.7	E
LAT. =	32.034658	°N	LAT. =	32.034215	°N	LAT. =	32.020515	°N	LAT. =	32.005905	°N
LONG. =	103.908170	°W	LONG. =	103.897764	°W	LONG. =	103.897710	°W	LONG. =	103.897652	°W
LTP (NAD 27 NME)			BHL (NAD 27 NME)			PPP #2 (NAD 27 NME)					
Y =	364,330.0	N	Y =	364,050.0	N	Y =	368,804.9	N			
X =	635,064.2	E	X =	635,065.3	E	X =	635,031.1	E			
LAT. =	32.000908	°N	LAT. =	32.000139	°N	LAT. =	32.013211	°N			
LONG. =	103.897362	°W	LONG. =	103.897633	°W	LONG. =	103.897681	°W			



SEC 32 LOT ACREAGE TABLE	
LOT 1	- 24.69 ACRES
LOT 2	- 24.59 ACRES
LOT 3	- 24.49 ACRES
LOT 4	- 24.39 ACRES

- LEGEND**
- SECTION LINE
 - PROPOSED WELLBORE
 - NEW MEXICO MINERAL LEASE LINE
 - 330' BUFFER
 - DEDICATED ACREAGE

LINE TABLE

LINE	AZIMUTH	DISTANCE
L1	AZ 92°38'12"	3228.96'
L2	AZ 179°34'46"	12396.05'

CORNER COORDINATES (NAD83 NME)

A - Y =	376,839.9	N	A - X =	677,187.1	E
B - Y =	374,184.2	N	B - X =	677,214.1	E
C - Y =	371,526.6	N	C - X =	677,240.2	E
D - Y =	368,869.1	N	D - X =	677,256.0	E
E - Y =	366,211.9	N	E - X =	677,272.5	E
F - Y =	364,061.9	N	F - X =	677,281.6	E
G - Y =	376,830.9	N	G - X =	675,861.3	E
H - Y =	374,175.0	N	H - X =	675,884.4	E
I - Y =	371,517.3	N	I - X =	675,907.1	E
J - Y =	368,860.3	N	J - X =	675,923.2	E
K - Y =	366,202.6	N	K - X =	675,939.7	E
L - Y =	364,055.9	N	L - X =	675,949.4	E

CORNER COORDINATES (NAD27 NME)

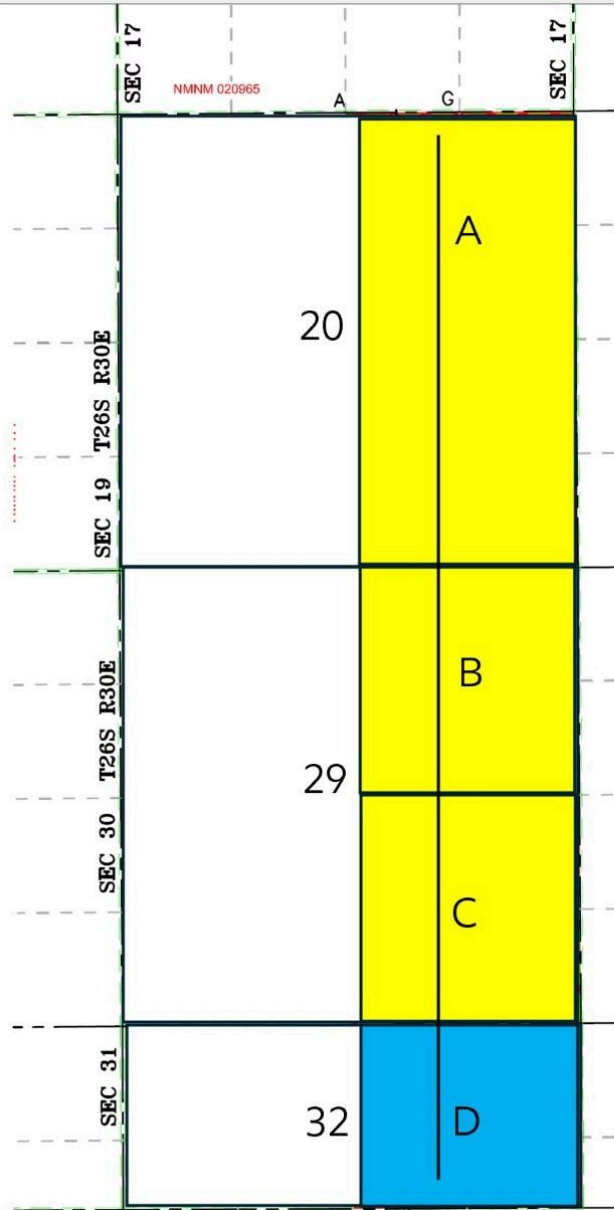
A - Y =	376,782.3	N	A - X =	636,001.3	E
B - Y =	374,126.7	N	B - X =	636,028.2	E
C - Y =	371,469.2	N	C - X =	636,054.3	E
D - Y =	368,811.7	N	D - X =	636,070.0	E
E - Y =	366,154.6	N	E - X =	636,086.4	E
F - Y =	364,004.7	N	F - X =	636,095.5	E
G - Y =	376,773.3	N	G - X =	634,675.5	E
H - Y =	374,117.5	N	H - X =	634,698.6	E
I - Y =	371,459.9	N	I - X =	634,721.2	E
J - Y =	368,802.9	N	J - X =	634,737.2	E
K - Y =	366,145.3	N	K - X =	634,753.6	E
L - Y =	363,998.7	N	L - X =	634,763.3	E



2205 Walnut Street
 Columbus, TX 78934
 Ph: 817.349.9800 - Fax: 979.732.5271
 TBPE Firm 17957 | TBPLS Firm 10000100
 www.fscinc.net

DATE: 10-21-2025 PROJECT NO: 2024070338
 DRAWN BY: WL SCALE: 1" = 2,000'
 CHECKED BY: LM SHEET: 2 OF 2
 FIELD CREW: IR REVISION: 0

Sophia 20 Federal Com 302H



Tract A: Section 20 E/2, being 320 acres, more or less. As to those depths below the base of the Delaware Mountain Group Formation.
Operating Rights:
 Owners
 XTO Holdings, LLC 1.00

Tract B: Section 29 NE/4, being 160 acres more or less. As to the Wolfcamp Formations
Operating Rights:
 Owners
 Earthstone Permian, LLC 1.00

Tract C: Section 29 SE/4 being 160 acres, more or less. As to the Wolfcamp Formations
Operating Rights:
 Owners
 XTO Holdings, LLC 1.00

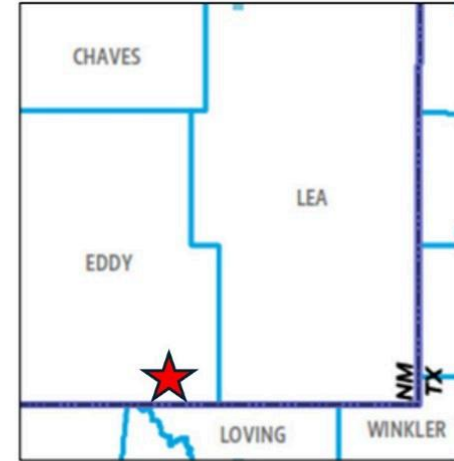
Tract D: Section 32 Lots 1, & 2 and N/2NE/4 being 129.28 acres more or less. As to the Wolfcamp Formations
Operating rights:
 Owners
 ExxonMobil Corp., c/o XTO Energy Inc. 1.00

Unit Working Interests:

- XTO Holdings/XTO Energy Inc: 81.16%
- Earthstone Permian, LLC 18.84%

Legend:

- = Federal Acreage
- = State Acreage



Parties Subject To Pooling

TRACT: A Township 26 South, Range 30 East, N.M.P.M.
 Section 20: the E/2, the SW/4, and the N/2 NW/4
 Eddy County, New Mexico
 Containing 560.00 acres, more or less
 NMNM 19612 (L1)

As to those depths below the base of the Delaware Mountain Group Formation

OPERATING RIGHTS**

<u>Owner</u>	<u>Operating Rights</u>	<u>Net Revenue Interest</u>	<u>Net Acres</u>
XTO Holdings, LLC [87.5%]	1.00000000	0.87500000	560.0000
TOTAL:	<u>1.00000000</u>	<u>0.87500000</u>	<u>560.0000</u>

OVERRIDING ROYALTY

included in the Materials Examined.

TRACT : B Township 26 South, Range 30 East, N.M.P.M.
 Section 29: the NE/4
 Eddy County, New Mexico
 Containing 160.00 acres, more or less
 NMNM 138851 (L3)

OPERATING RIGHTS

AS TO the Bone Spring and Wolfcamp Formations

<u>Owner</u>	<u>Operating Rights</u>	<u>Net Revenue Interest</u>	<u>Net Acres</u>
Earthstone Permian LLC [87.5% less (25% less 12.5%)]	1.00000000	0.75000000	160.0000
TOTAL:	<u>1.00000000</u>	<u>0.75000000</u>	<u>160.0000</u>

OVERRIDING ROYALTY

<u>Owner</u>	<u>Interest</u>
Earthstone Permian LLC [25% less 12.5%]	0.12500000
TOTAL:	<u>0.12500000</u>

TRACT: C Township 26 South, Range 30 East, N.M.P.M.
 Section 29: the S/2
 Eddy County, New Mexico
 Containing 320.00 acres, more or less
 NMNM 121477 (L2)

AS TO the Bone Spring and Wolfcamp Formations

OPERATING RIGHTS

<u>Owner</u>	<u>Operating Rights</u>	<u>Net Revenue Interest</u>	<u>Net Acres</u>
XTO Holdings, LLC [87.5%]	1.00000000	0.87500000	320.0000
TOTAL:	<u>1.00000000</u>	<u>0.87500000</u>	<u>320.0000</u>

OVERRIDING ROYALTY

None included in the Materials Examined.

TRACT: D Township 26 South, Range 30 East, N.M.P.M.
 Section 32: All
 Eddy County, New Mexico
 Containing 258.16 acres, more or less
 VB-2602-3 (Subject Lease)

As to the Wolfcamp formation

WORKING INTEREST

<u>Owner</u>	<u>Working Interest</u>	<u>Net Revenue Interest</u>	<u>Net Acres</u>
Exxon Mobil Corp., c/o XTO Energy Inc. [81.25%]	1.00000000	0.81250000	258.1600
TOTAL:	<u>1.00000000</u>	<u>0.81250000</u>	<u>258.1600</u>

OVERRIDING ROYALTY

None included in the Materials Examined.

Notice Provided to Uncommitted Owners

¹XTO Energy, Inc. – Sophia 20 Fed Com Unit

OWNER NAME	OWNERSHIP STATUS	COMMITMENT TYPE <small>(If Applicable) E.g., Verbal Agreement, Signed Letter, JOA</small>	NOTICE DATE	NOTICE TYPE <small>(e.g., certified letter)</small>	Exhibit Reference
Permian Resources (Earthstone Permian)	Uncommitted		02/10/2026	Certified Letter	E-2
Bureau Of Land Management	Mineral Owner/Royalty		02/10/2026	Certified Letter	E-2

¹ OCD, *Public Notice: Clarification of Evidentiary Requirements for Compulsory Pooling Applications*, (Nov. 1, 2025); <https://www.emnrd.nm.gov/oed/wp-content/uploads/sites/6/public-notice-evidentiary-requirements-gc.pdf>



XTO Energy Inc.
EMHC.W4.5B.297
22777 Springwoods Village Pkwy
Spring TX 77389-1425
281-939-3707 - Direct Phone
chad.d.smith@exxonmobil.com

December 9th, 2025

Permian Resources
300 N. Marienfeld Street
Suite 1000 Midland, TX 79701

**RE: Well Proposals – Sophia 20 Fed State Com
Township 26 South, Range 30 East, NMPM**
Section 20: E/2
Section 29: E/2
Section 32: N/2NE/4, Lots 1 (24.69), Lots 2 (24.59), (aka E/2)
Eddy County, New Mexico

Attention Ryan Curry:

XTO Energy Inc, ("XTO"), as Operator, hereby proposes the drilling and completion of the following wells, at the following approximate locations with the above-described lands.

- 1. Sophia 20 Federal State Com 300H**
- 2. Sophia 20 Federal State Com 302H**
- 3. Sophia 20 Federal State Com 303H**
- 4. Sophia 20 Federal State Com 304H**
- 5. Sophia 20 Federal State Com 305H**
- 6. Sophia 20 Federal State Com 306H**
- 7. Sophia 20 Federal State Com 307H**
- 8. Sophia 20 Federal State Com 308H**

Well Locations can be found on the attached C-102s.

The locations, and targets are approximate and subject to change dependent of surface or subsurface issues encountered. XTO is proposing to drill these wells under the modified terms of the 1989 AAPL Operating Agreement and a form of said Operating Agreement

will be provided upon request. The Operating agreement has the following general provisions:

- 100%/300%/300% non-consent provisions
- \$7,500 drilling/\$750 producing rates
- XTO Energy Inc, as Operator

Please indicate your election to participate in the drilling and completion of the proposed well(s) on the AFE. If you wish to participate, please sign the attached AFE.

In the interest of time, should we not reach an agreement within thirty (30) days of the date of your receipt of this letter, XTO will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed wells.

Should you have any questions, contact me via the letterhead contact information.

Sincerely

XTO Energy Inc.

Chad Smith
Commercial and Land Advisor



AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17254	API:	000000229974
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 300H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299741001		

Justification:
D&C well in WC D 12.5K LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$51,141.17
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$1,022,823.36
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$40,912.93
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$143,195.27
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$613,694.01
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$998,275.59
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$157,514.80
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$57,278.11
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$306,847.01
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$153,423.50
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$715,976.35
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$30,684.70
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$122,738.80
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$61,369.40
	Sub-total	\$13,105,811.71
	Grand Total	\$13,105,811.71

NON-OPERATOR APPROVAL

Signature:
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22777 Springwoods Village Pkwy, Loc. 115
Spring TX 77389-1425
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AUTHORIZATION FOR EXPENDITURE

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17248	API:	00000229968
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 302H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299681001		

Justification:
D&C well in WC A 12.5K LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17243	API:	00000229963
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 303H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299631001		

Justification:
D&C well in WC A 12.5K LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17268	API:	00000229986
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 304H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299861001		

Justification:
D&C well in WC A 12.5K LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17271	API:	00000229989
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 305H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299891001		

Justification:
D&C well in WC A 12.5k LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17274	API:	00000229992
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 306H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	WILDCAT - BONE SPRING
Cost Center Number:	2299921001		

Justification:
D&C well in WC A 12.5k LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

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AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17270	API:	00000229988
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 307H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	PURPLE SAGE
Cost Center Number:	2299881001		

Justification:
D&C well in WC A 12.5k LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$45,123.97
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$902,479.43
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$36,099.18
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$126,347.12
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$541,487.66
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$880,819.93
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$138,981.83
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$50,538.85
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$270,743.83
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$135,371.92
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$631,735.60
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$27,074.38
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$108,297.53
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$54,148.77
	Sub-total	\$12,579,186.71
	Grand Total	\$12,579,186.71

NON-OPERATOR APPROVAL

Signature:
This AFE is an estimate only. By returning one signed copy, you agree to pay your share of the actual costs incurred

22777 Springwoods Village Pkwy, Loc. 115
Spring TX 77389-1425
<https://corporate.exxonmobil.com/>



AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

Company:
Name:
Title:
Date:

This AFE is an estimate only. By returning one signed copy, you agree to pay your share of the actual costs incurred

22777 Springwoods Village Pkwy, Loc. 115
Spring TX 77389-1425
<https://corporate.exxonmobil.com/>



AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

AFE Number:	DD.2025.17267	API:	00000229985
AFE Type:	DD - DEVELOPMENT DRILLING	State/County:	New Mexico/Eddy
Well Name:	SOPHIA 20 FEDERAL COM 308H	Operator:	XTO ENERGY INC.-RU4331
District:	PERMIAN - DELAWARE	Field:	WILDCAT - BONE SPRING
Cost Center Number:	2299851001		

Justification:
D&C well in WC E 12.5K LL

<u>Account</u>	<u>Description</u>	<u>Gross Est. (\$)</u>
CAPEX		
0044200401.CAP	Ex,V,Gd,Part_Wellhead,Drilling	\$55,000.00
0044200402.CAP	Ex,V,Gd,Part_Wellhead,Completion	\$51,141.17
0044204401.CAP	EX,V,GD,PART_WELLCASING,SURFACE	\$72,000.00
0044204402.CAP	Ex,V,Gd,Part_WellCasing,Intermediate,	\$500,000.00
0044204403.CAP	Ex,V,Gd,Part_WellCasing,Production Liner	\$1,022,823.36
0044204404.CAP	Ex,V,Gd,Part_WellCasing,Other	\$40,912.93
0044350000.CAP	Ex,V,Gd,Part_DrillBit	\$143,195.27
0044351000.CAP	Ex,V,Gd,Part_DrillMud	\$613,694.01
0044515402.CAP	Ex,V,Gd,Suppl,Misc,NonWellwork	\$20,000.00
0045011000.CAP	Ex,V,Fuel,Purch_Oth	\$61,000.00
0045451401.CAP	Ex,V,Rnt&Ls,Op,Eq,DrillEq,ExMob&Dem,MIRU	\$998,275.59
0045456401.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSurfWO	\$22,000.00
0045456402.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWO	\$55,000.00
0045456403.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSurfWithOp	\$22,000.00
0045456404.CAP	Ex,V,Rnt&L,Op,Eq,Misc_Oth,RentSubSWO	\$55,000.00
0046001103.CAP	Ex,V,ContractLabor,Tech	\$157,514.80
0046023101.CAP	Ex,V,Srv,LandOvrhd,BrokerFee	\$10,000.00
0046199000.CAP	Ex,V,Srv,Eng_O&GWellDrill	\$90,000.00
0046460401.CAP	Ex,V,Srv,Site_SitePrep,Roads&Location	\$265,000.00
0048503000.CAP	Ex,V,Srv,Transp,M&S&Eq,NonMar_Land&Cour	\$57,278.11
0048604402.CAP	Ex,V,Srv,WasteMgmt_Oth,Drilling Fluid	\$306,847.01
0048700401.CAP	Ex,V,Srv,O&GWell,Cementing,Surf Intermed	\$90,000.00
0048700402.CAP	Ex,V,Srv,O&GWell,Cement,ProductionCasing	\$153,423.50
0048702401.CAP	Ex,V,Srv,O&GWell,WellStimulation,Pumping	\$7,312,936.71
0048705000.CAP	Ex,V,Srv,O&GWell,DirectionalDrill	\$715,976.35
0048710000.CAP	Ex,V,Srv,O&GWell,MudLogging	\$30,684.70
0048712401.CAP	Ex,V,Srv,O&GWell,Casing,Surf Int	\$122,738.80
0048712402.CAP	Ex,V,Srv,O&GWell,Casing,Production	\$61,369.40
	Sub-total	\$13,105,811.71
	Grand Total	\$13,105,811.71

NON-OPERATOR APPROVAL

Signature:
This AFE is an estimate only. By returning one signed copy, you agree to pay your share of the actual costs incurred

22777 Springwoods Village Pkwy, Loc. 115
Spring TX 77389-1425
<https://corporate.exxonmobil.com/>



AUTHORIZATION FOR EXPENDITURE

Printed Date: Dec 9, 2025

Company:
Name:
Title:
Date:

This AFE is an estimate only. By returning one signed copy, you agree to pay your share of the actual costs incurred

22777 Springwoods Village Pkwy, Loc. 115
Spring TX 77389-1425
<https://corporate.exxonmobil.com/>

Summary of Communications

Earthstone Permian (Permian Resources)

- 7/15/2025 Sophia Bone Spring and Wolfcamp Well Proposals were mailed to Permian Resources, 300 N. Marienfeld Street Suite 1000 Midland, TX, US 79701 Tracking # 882803654926
- 7/16/2025 Sophia Bone Spring and Wolfcamp Well Proposals were delivered to Permian Resources, 300 N. Marienfeld Street Suite 1000 Midland, TX, US 79701 Tracking # 882803654926
- 12/9/2025 Sophia Bone Spring and Wolfcamp Well Re-Proposals were emailed to Ryan Curry at Permian Resources. Chad also brought up the ongoing trade discussions that the Bone Spring and Wolfcamp Sophia acreage is involved in.
- 12/15/2025 Ryan Curry responds to Chad Smiths email about the ongoing trade that involves the Sophia Bone Spring and Wolfcamp acreage. Ryan mentions that it would be beneficial to wrap up the trade as both parties continue to drill the acreage (referring to the Sophia Bone Spring and Wolfcamp Well proposals) involved in the trade.
- 12/16/2025 Ryan Curry and Chad Smith continue trade talks that involve the Sophia Bone Spring and Wolfcamp acreage.

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

**APPLICATION OF XTO ENERGY, INC. FOR
APPROVAL OF A STANDARD HORIZONTAL
SPACING UNIT AND COMPULSORY
POOLING, EDDY COUNTY, NEW MEXICO**

CASE NO. 25945

AFFIDAVIT OF MATTHEW W. KEARNEY

Matthew W. Kearney, being first duly sworn upon oath, deposes and states as follows:

1. My name is Matthew W. Kearney, and I am employed by XTO Energy, Inc. (“XTO”) as a Geologist.

2. I have testified before the New Mexico Oil Conservation Division (“Division”), and my qualifications as an expert in petroleum geology were accepted and made a matter of record. I have several years of experience in petroleum geological matters, and I have worked directly or in a supervisory role with the properties that are the subject of this matter.

3. I am familiar with the applications filed by XTO in this case and the geology involved.

4. I am submitting this affidavit in support of XTO’s application in the above-referenced case, as required by the Pre-Hearing Order issued by the Division. I intend to present this case by affidavit pursuant to 19.15.4.12.(A)(1) NMAC. The Application Lands and subject Wells included in the initial application filed under Case No. 25945 are incorporated herein by reference.

5. **XTO Exhibit D-1** includes a base location map of the lands showing the proposed Purple Sage; Wolfcamp Formation (“Wolfcamp”) spacing unit and the proposed well development plan.

6. **XTO Exhibit D-2** is a subsea structure map showing the top of the Wolfcamp Formation, a marker that defines the top of the target interval for the proposed wells. The contour interval used in this exhibit is 100'. The unit being pooled is outlined in red, and the proposed wells are identified as solid red lines. The structure map shows regional down-dip to the east. I do not observe any faulting, pinchouts, or other geologic impediments to developing this target interval.

7. **XTO Exhibit D-2** also includes a cross-section locator map that identifies wells penetrating the targeted interval used to construct a structural cross-section from A to A'. These wells penetrate the targeted interval, are of good quality, and are representative of the geology in the area.

8. **XTO Exhibit D-3** includes stratigraphic cross-section flattened on the top of the 1st Bone Spring Lime. Each well in the cross-section contains a gamma ray, resistivity, and porosity log. The cross-section demonstrates continuity and consistent thickness across the target zone, and the well logs on the cross-section give a representative sample of the targeted interval. The landing zone is highlighted on the exhibit.

9. **XTO Exhibit D-4** shows the Gunbarrel Diagram within the Wolfcamp Formation in the vicinity of the proposed unit.

10. **XTO Exhibit D-5** includes the gross isopach map. The Wolfcamp wells are indicated by solid red lines. The proposed horizontal spacing unit is outlined in red. The contour interval used in this exhibit is 50'.

11. Based on the attached exhibits, I hereby conclude as follows:

a. The target formation is present and continuous throughout the lands subject to the applications.

b. The standard horizontal spacing and proration unit is justified from a geologic standpoint.

c. There are no structural impediments or faulting that will interfere with horizontal development.

d. Each quarter-quarter section in the unit will contribute more or less equally to production, and I can confirm each quarter section along the lateral will also contribute more or less equally to production.

e. The preferred well orientation in this area is North-South so that the wells run sub-perpendicular to the inferred orientation of the maximum horizontal stress. The standup orientation will efficiently and effectively develop the subject acreage.

12. **Exhibit D-1** through **Exhibit D-5** were prepared by me or compiled from XTO's company business records under my direct supervision.

13. The granting of these applications is in the best interest of conservation, the prevention of waste, the protection of correlative rights, and will avoid the drilling of unnecessary wells.

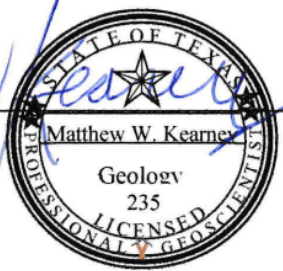
14. I hereby swear that to the best of my knowledge and belief, all of the matters set forth herein and in the exhibits are true, correct, and accurate.

[Remainder of page left intentionally blank]

FURTHER AFFIANT SAYETH NOT.

Dated this 25th day of February, 2026.

Matthew W. Kearney
 Matthew W. Kearney
 XTO Energy, Inc.



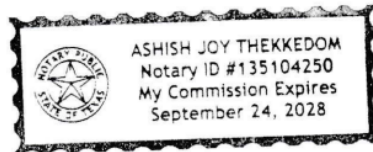
STATE OF TEXAS)
) ss.
 COUNTY OF HARRIS)

The foregoing instrument was subscribed and sworn to before me this 25th day of February, 2026, by Matthew W. Kearney, Geologist for XTO Energy, Inc.

Witness my hand and official seal.

My commission expires: September 24, 2028

Ashish Joy Thekkedom



ASHISH JOY THEKKEDOM
 Notary ID #135104250
 My Commission Expires
 September 24, 2028

Exhibit D-1

Location Map

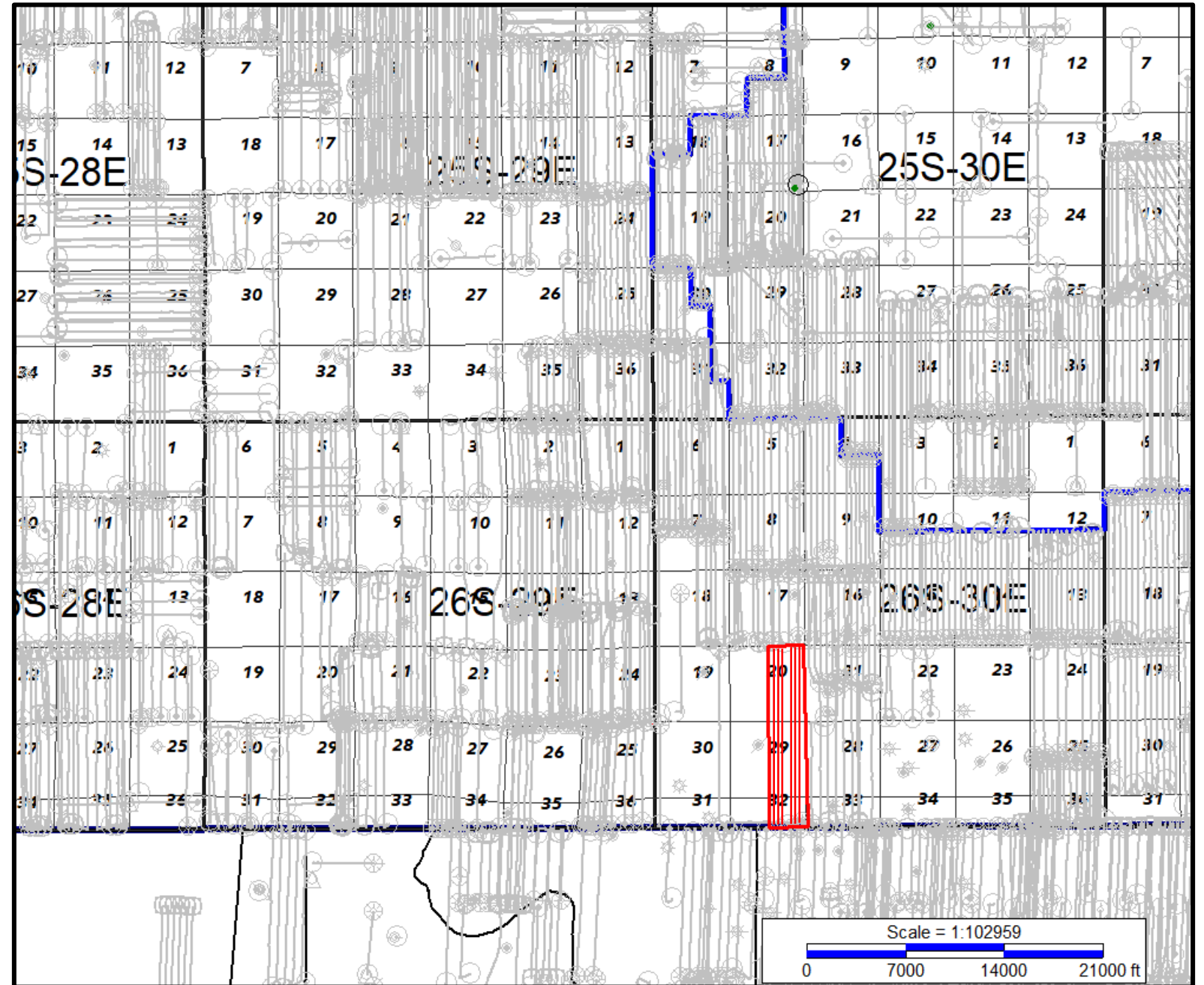
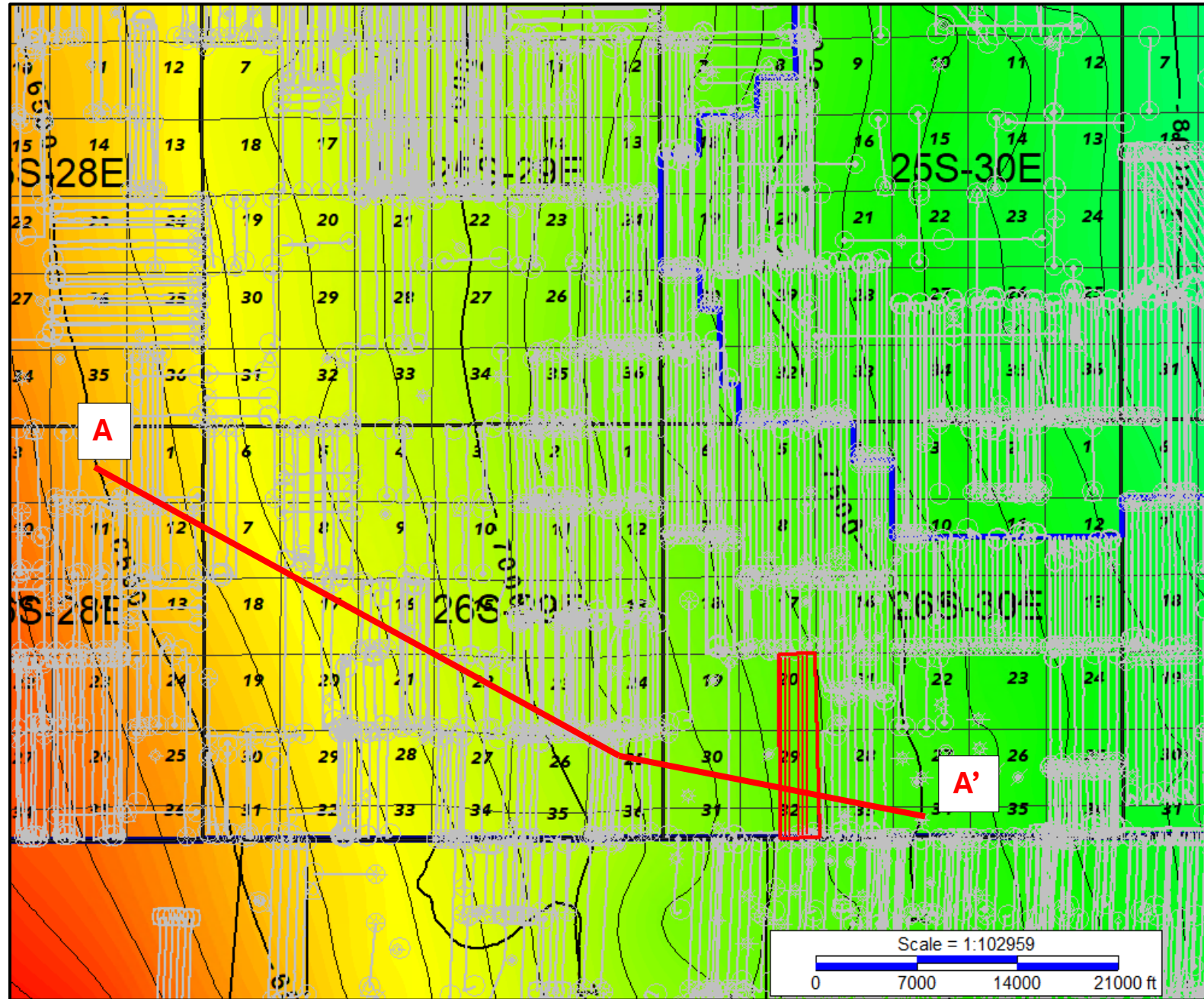


Exhibit D-2

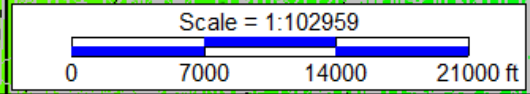
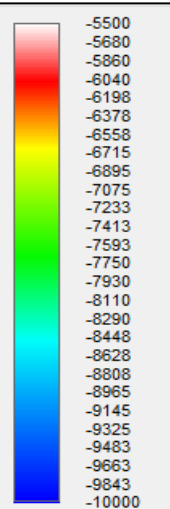
EM/XTO Structure Map
(true vertical depth subsea)

Wolfcamp Formation
(Contour Interval = 100')

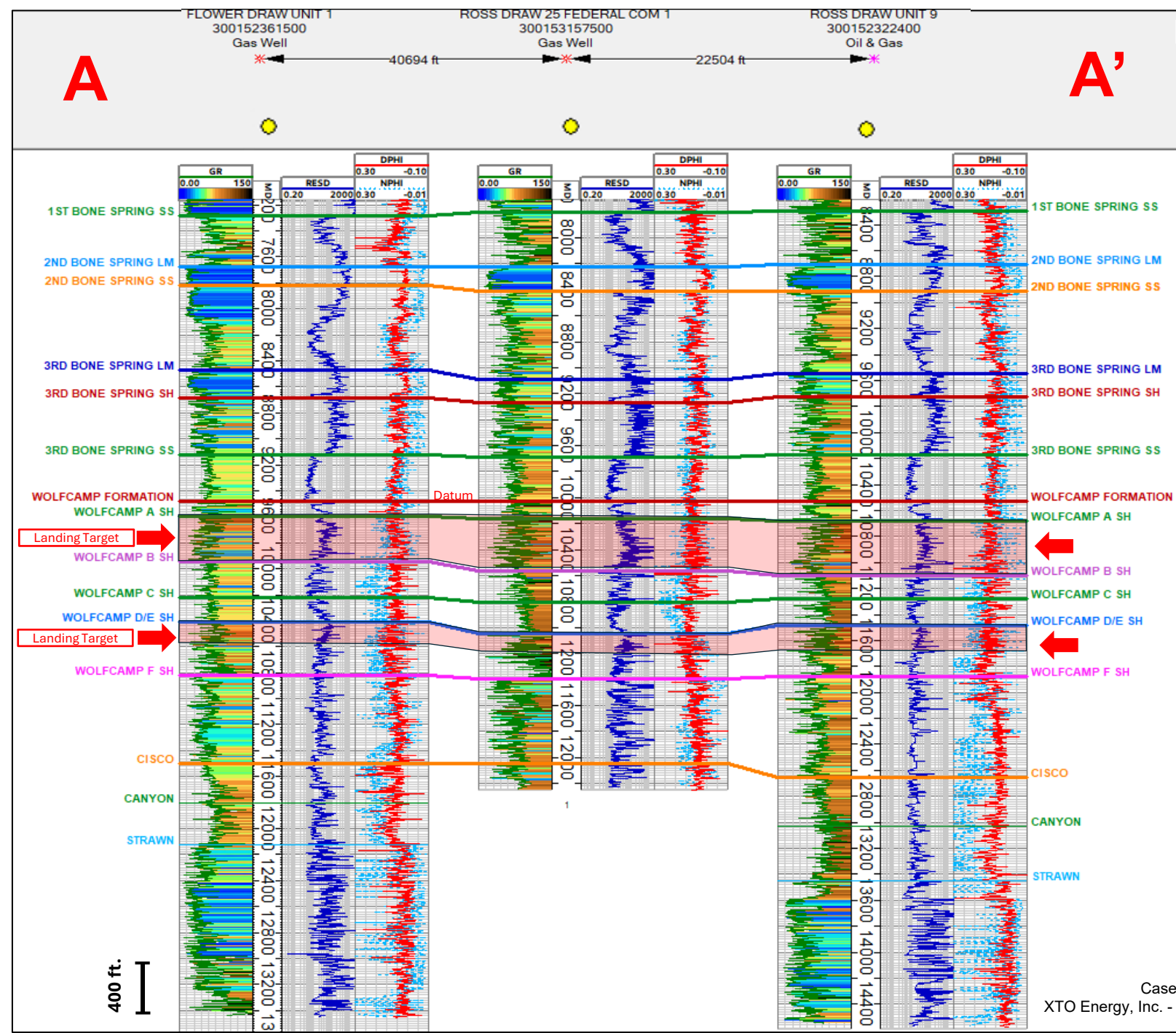
Cross-section Location



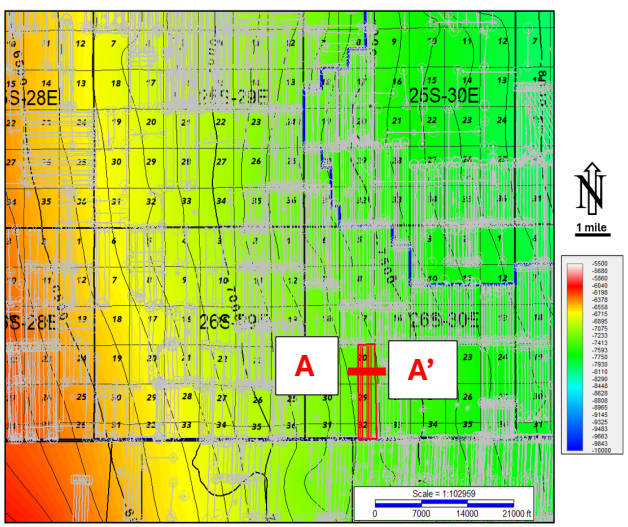
1 mile



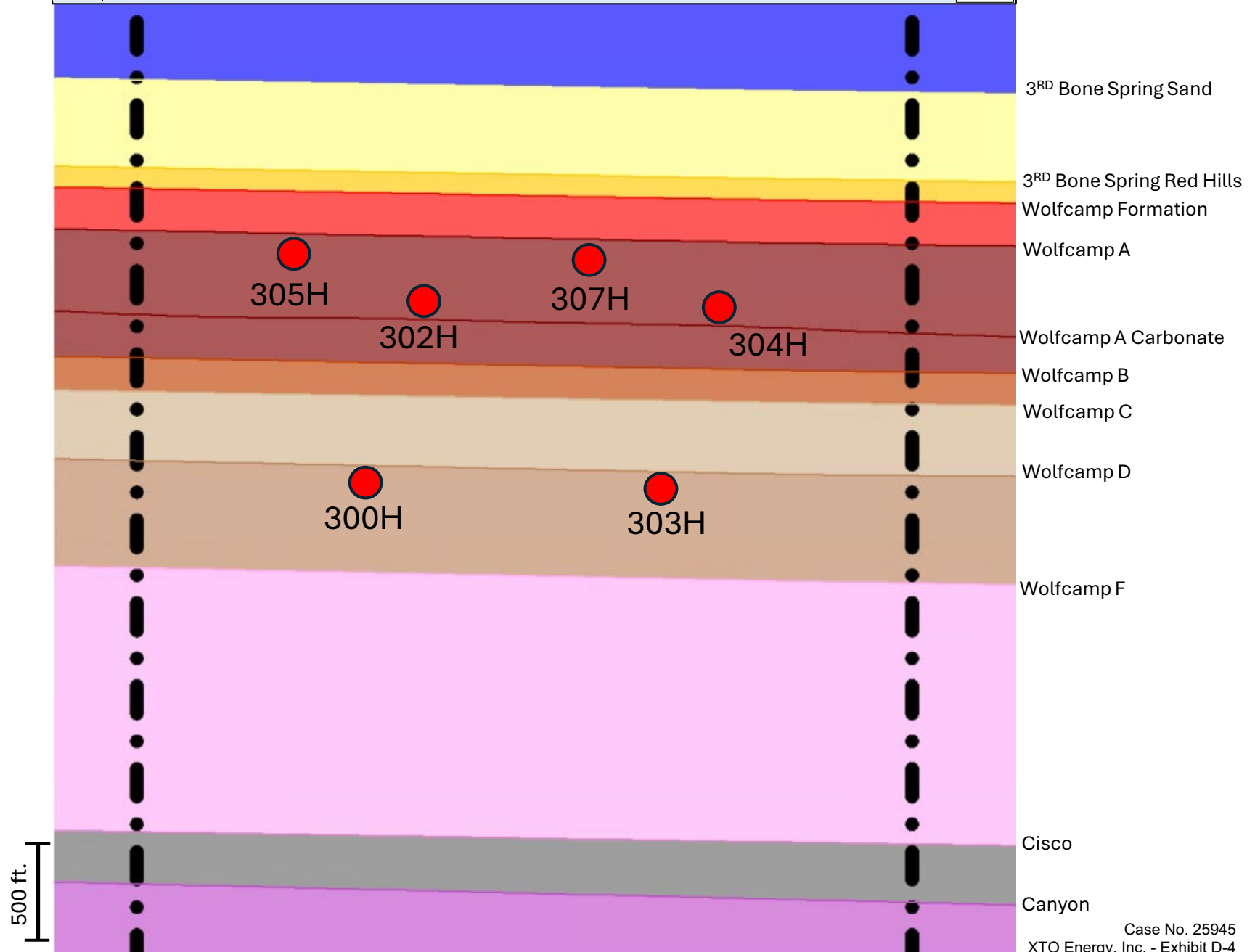
Stratigraphic Cross-section Wolfcamp Formation



Gunbarrel Design



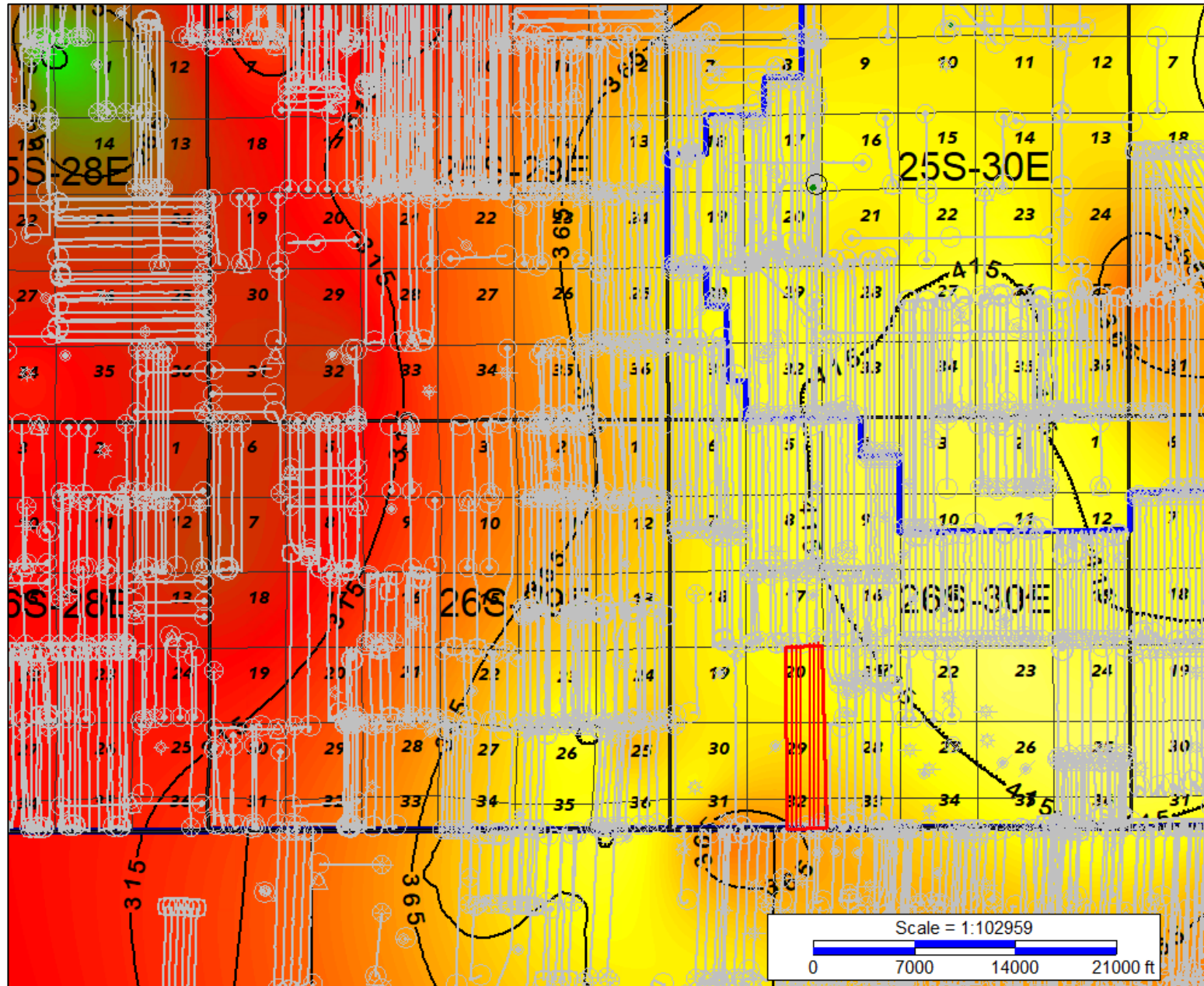
A Sophia **A'**



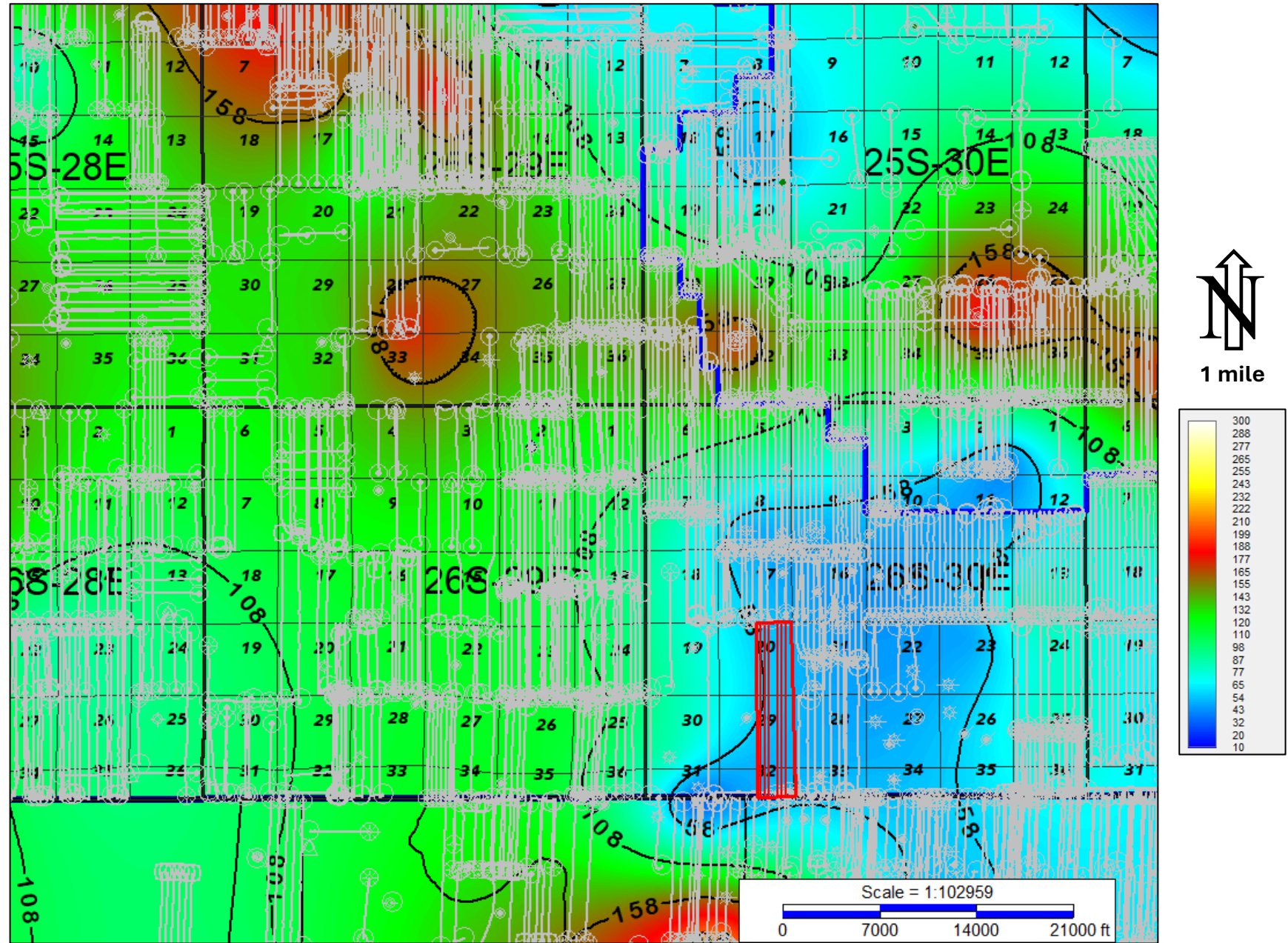
Approximate Vertical Scale:



Gross Isopach Map
of Wolfcamp A to Wolfcamp B
(Contour Interval = 50 ft.)

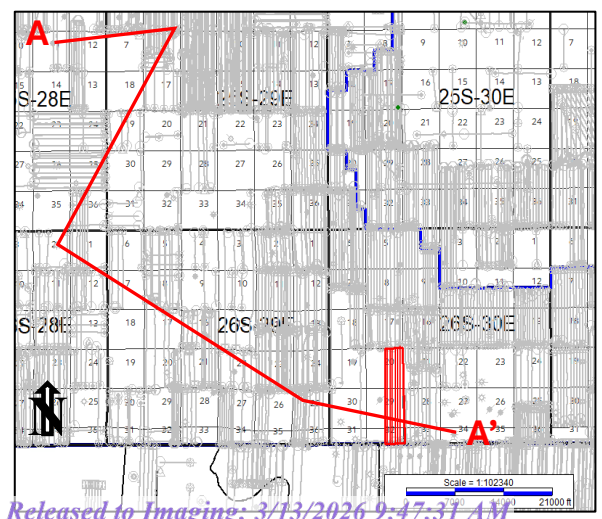
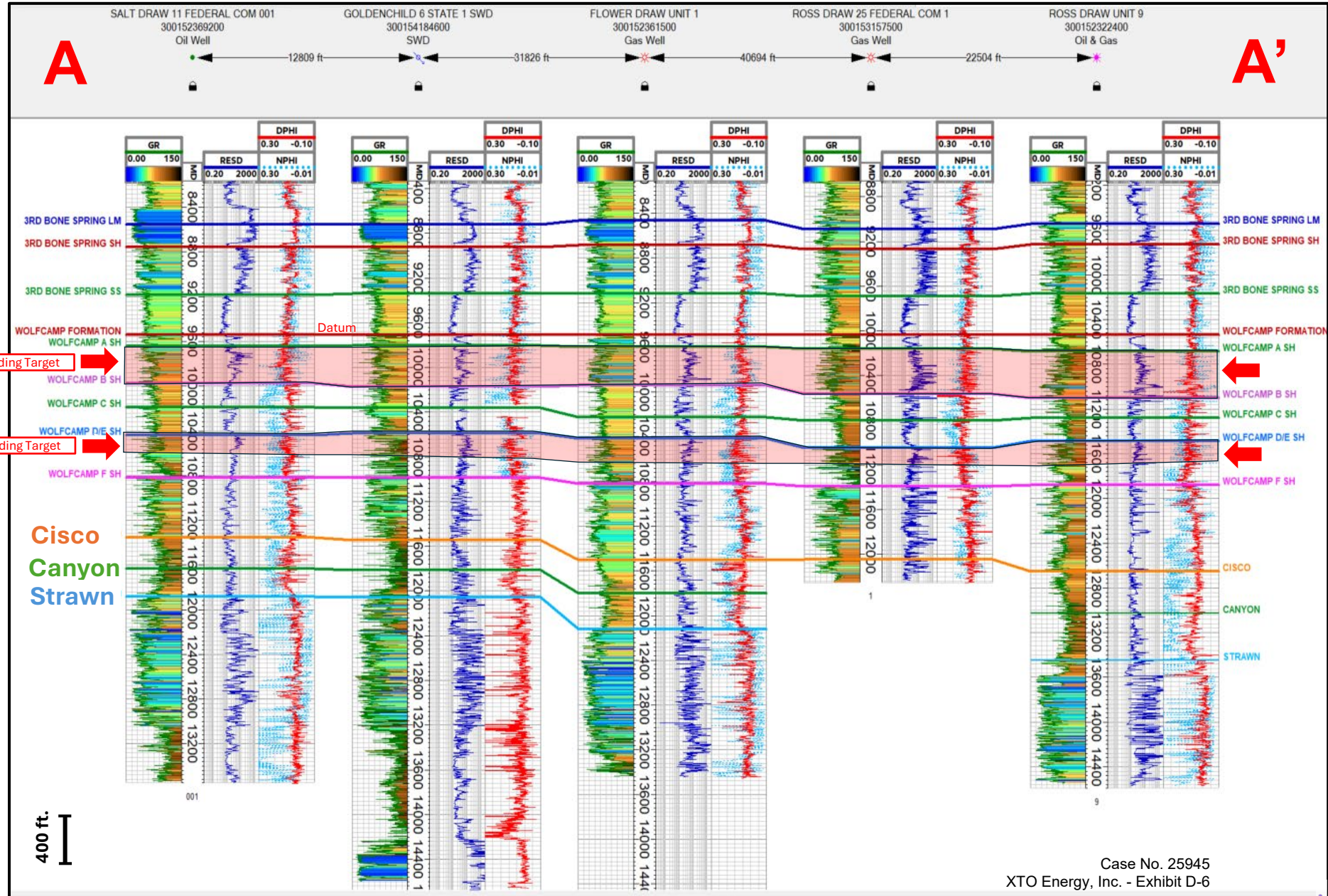


Gross Isopach Map of Wolfcamp D to Wolfcamp E (Contour Interval = 50 ft.)



Regional Stratigraphic Cross-section Showing Wolfcamp D/E Shale Above Pennsylvanian Cisco, Canyon and Strawn Formations

Landing Targets are shown with red arrows and red highlights



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

APPLICATION OF XTO ENERGY, INC. FOR
APPROVAL OF STANDARD HORIZONTAL
SPACING UNIT AND COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO

CASE NO. 25945

AFFIDAVIT

STATE OF COLORADO)
) ss.
CITY AND COUNTY OF DENVER)

Rachael Ketchledge, legal assistant and authorized representative of XTO Energy, Inc. ("XTO"), the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application has been provided under Notice Letters dated February 10, 2026, which the Applicant mailed via U.S. Postal Service Certified Mail. Notice was delivered to the interested parties on or about February 18, 2026, as shown on certified mail receipts attached as Exhibit E-3.

Applicant also published notice of the Application in the Carlsbad Current-Argus on February 14, 2026. Proof of receipt is shown on Exhibit E-4.



Rachael Ketchledge

SUBSCRIBED AND SWORN to before me on February 24, 2026, by Rachael Ketchledge.

My commission expires: 3/4/27



NOTARY PUBLIC

MARY GRACE T. GO-HOVELAND
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20114013519
MY COMMISSION EXPIRES MARCH 4, 2027

BEATTY & WOZNAK, P.C.

ATTORNEYS AT LAW
500 DON GASPAR AVENUE
SANTA FE, NEW MEXICO 87505
TELEPHONE 505-983-8545
FACSIMILE 800-886-6566
www.bwenergylaw.com

COLORADO
NEW MEXICO
WYOMING

MIGUEL SUAZO

505-946-2090
MSUAZO@BWENERGYLAW.COM

February 10, 2026

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO SPACING AND POOLING PROCEEDINGS

Re: Application of XTO Energy Inc. for Approval of a Standard Horizontal Spacing Unit and Compulsory Pooling in Eddy County, New Mexico (Case No. 25945).

Dear Interest Owners:

This letter is to advise you that XTO Energy Inc. ("XTO") has filed the enclosed application, Case No. 25945, with the New Mexico Oil Conservation Division for Approval of a Standard Spacing Unit and Compulsory Pooling in Eddy County, New Mexico.

In Case No. 25945, XTO seeks an Order from the Division to: (1) approve a 769.28-acre, more or less, standard horizontal well spacing unit comprised of the E/2 of Sections 20, 29, and 32, Township 26 South, Range 30 East, N.M.P.M., Eddy County, New Mexico; and (2) to pool all uncommitted mineral interests in the Purple Sage; Wolfcamp Pool [98220], designated as a gas pool, underlying said unit.

A hearing has been requested before a Division Examiner on March 5, 2026, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 9:00 a.m. Mountain Standard Time, and will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the Microsoft Teams virtual meeting platform. To view the hearing docket and to determine how to participate in the electronic hearing, visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441.

You are being notified as an interest owner and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting the matter at a later date.

Parties appearing in cases who intend to present evidence are required by Division Rule 19.15.4.13.B NMAC to file a Prehearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be submitted through the OCD E-Permitting system

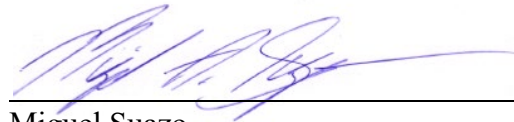
BEATTY & WOZNIAK, P.C.

February 10, 2026
Case No. 25945
Page 2

(<https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/>) or via e-mail to ocd.hearings@emnrd.nm.gov should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing. The statement must also be provided to the attorney for the applicant, Miguel Suazo at msuazo@bwenergylaw.com.

If you have any questions about this matter, please contact Chad Smith at chad.d.smith@exxonmobil.com.

Sincerely,

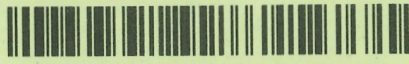


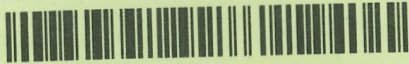
Miguel Suazo

Attorney for XTO Energy Inc.

Case No. 25945 Certified Mailing Status

MAIL DATE	OWNER	ADDRESS	TYPE INT	MAIL CLASS	TRACKING NUMBER
February 10, 2026	PERMIAN RESOURCES (EARTHSTONE PERMIAN LLC)	300 N. MARIENFIELD STREET SUITE 100 MIDLAND, TX 79701	WI	Certified w/ Return Receipt (Signature)	9589 0710 5270 0916 2423 93
February 10, 2026	BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	620 E. GREEN STREET CARLSBAD, NM 88220	MINERAL OWNER/ROYALTY	Certified w/ Return Receipt (Signature)	9589 0710 5270 0916 2423 86

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>	
<p>1. Article Addressed to: 2510.R/S</p> <p>Bureau of Land Management 620 East Green Street Carlsbad, NM 88220</p>  <p>9590 9402 8916 4064 1523 74</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 0916 2423 86</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery (over \$500)</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p>	
<p>1. Article Addressed to: 2510.SW</p> <p>Permian Resources (Earthstone Permian LLC) 300 N. Marienfeld Street Suite 1000 Midland, TX 79701</p>  <p>9590 9402 8916 4064 1523 81</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>2. Article Number (Transfer from service label)</p> <p>9589 0710 5270 0916 2423 93</p>	<p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery (over \$500)</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt

Affidavit of Publication

Copy of Publication:

No. 84110

State of New Mexico Publisher

County of Eddy:

Adrian Hedden

being duly sworn, says that he is the Publisher

of the Carlsbad Current Argus, a weekly newspaper of
general circulation, published in English at Carlsbad,
said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said
Carlsbad Current Argus, a weekly newspaper duly qualified
for that purpose within the meaning of Chapter 167 of
the 1937 Session Laws of the state of New Mexico for
1 Consecutive weeks/day on the same

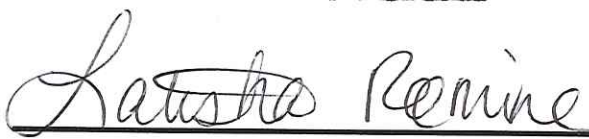
day as follows:

- First Publication February 14, 2026
- Second Publication _____
- Third Publication _____
- Fourth Publication _____
- Fifth Publication _____
- Sixth Publication _____
- Seventh Publication _____
- Eighth Publication _____

Subscribed and sworn before me this

16th day of February 2026

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



Latisha Romine

Notary Public, Eddy County, New Mexico

LEGAL NOTICE
FEBRUARY 14, 2026

Malaga, New Mexico.
84110-Published in Carlsbad Current Argus Feb. 14, 2026

STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES
DEPARTMENT
OIL CONSERVATION DIVISION, SANTA FE, NEW
MEXICO

The State of New Mexico, Energy, Minerals, and Natural Resources Department, Oil Conservation Division (Division) hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case.

The hearing will be conducted on **Thursday, March 5, 2026, beginning at 9:00 A.M. MST** in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the Microsoft Teams meeting platform. To view the hearing docket and to determine how to participate in the electronic hearing, visit the Divisions website at: <http://www.emnrd.state.nm.us/OCD/hearing-info/> or contact Sheila Apodaca at Sheila.Apodaca@emnrd.nm.gov. Documents filed in the case may also be viewed at <https://ocdimage.emnrd.nm.gov/imaging/CaseFileView.aspx?CaseNo=25945>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in the hearing, contact Sheila Apodaca or the New Mexico Relay Network at 1-800-659-1779, no later than **February 26, 2026**.

STATE OF NEW MEXICO TO:

All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

TO: All interested parties, including: Permian Resources; Bureau of Land Management.

CASE NO. 25945: Application of XTO Energy Inc. for Approval of a Standard Horizontal Spacing Unit and Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) approving a 769.28-acre, more or less, standard horizontal spacing and proration unit composed of the E/2 of Sections 20, 29, and 32, Township 26 South, Range 30 East, N.M.P.M., Eddy County, New Mexico and (2) pooling all uncommitted mineral interests in the Purple Sage; Wolfcamp formation, designated as an gas pool, underlying said unit. The proposed wells to be dedicated to the horizontal spacing unit are the: **Sophia 20 Federal Com 300H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 302H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 303H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East; **Sophia 20 Federal Com 304H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East; **Sophia 20-29-32 Federal State Com 305H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 2 of Section 32, Township 26 South, Range 30 East; and **Sophia 20 Federal Com 307H** (API No. Pending), which is a gas well that will be horizontally drilled from a surface location in the NW/4 NW/4 (Unit D) of Section 20, Township 26 South, Range 30 East, to a bottom hole location in the Purple Sage; Wolfcamp Pool in Lot 1 of Section 32, Township 26 South, Range 30 East. The wells are orthodox in location, and the take points and laterals comply with Special Pool Rules R-14262 setbacks for the Purple Sage; Wolfcamp. The well and lands are located approximately 16.10 miles southeast of