XTO Energy Inc.
6401 Holiday Hill Rd, Bldg. 5
Midland, TX 79707

July 19, 2021

NOTIFICATION LETTER

University of Texas
c/o PUF Coordinator
PO Box 13528
Austin, TX 78711-3528

Andrews County Clerk
PO Box 727
Andrews, TX 79714

RE: **Application For Fluid Injection Permit**
XTO Energy Inc. (Opr. No. 945936) Field: University Block 9 (Wolfcamp)
Lease/Well: University Blk.9 /Wolfcamp/ Unit #4C
RRC Lease No. 15046, API No. 42-003-00314
660' FSL & 660' FEL Sec. 14, Blk. 9, ULS
Andrews County, Texas (RRC Dist. 08)

Ladies and Gentlemen:

XTO Energy Inc. is requesting approval to amend the permit to inject fluids in the captioned injection well. The attached copy of XTO Energy Inc.'s H-1 & H-1A application, front and back, shall serve as your notice of our intent.

Please do not hesitate to contact me with any questions by email at carolyn.dean@exxonmobil.com or by phone at 432-221-7349.

Sincerely,

Carolyn Dean

Carolyn Dean
Regulatory Coordinator

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form H-1
05/2004

APPLICATION TO INJECT FLUID INTO A RESERVOIR PRODUCTIVE OF OIL OR GAS

1. Operator name XTO ENERGY INC. (as shown on P-5, Organization Report) 2. Operator P-5 No. 945936

3. Operator Address 6401 HOLIDAY HILL RD BLDG 5, MIDLAND, TX 79707

4. County ANDREWS 5. RRC District No. 08

6. Field Name UNIVERSITY BLOCK 9 (WOLFCAMP) 7. Field No. 92534750

8. Lease Name UNIVERSITY BLK.9 /WOLFCAMP/ UNIT 9. Lease/Gas ID No. 15046

10. Check the Appropriate Boxes: New Project ☐ Amendment ☒

If amendment, Fluid Injection Project No. F- 01620

Reason for Amendment: Add wells ☐ Add or change types of fluids ☐ Change pressure ☒

Change volume ☐ Change interval ☒ Other (explain) _____

RESERVOIR DATA FOR A NEW PROJECT

11. Name of Formation WOLFCAMP/WICHITA ALBANY/CLEARFORK/SAN ANDRES 12. Lithology LIMESTONE (e.g., dolomite, limestone, sand, etc.)

13. Type of Trap DOME (anticline, fault trap, stratigraphic trap, etc.) 14. Type of Drive during Primary Production SOLUTION GAS

15. Average Pay Thickness 30 16. Lse/Unit Acreage 4000 17. Current Bottom Hole Pressure (psig) 4100

18. Average Horizontal Permeability (mds) 14.00 19. Average Porosity (%) 10.20

INJECTION PROJECT DATA

20. No. of Injection Wells in this application 1

21. Type of Injection Project: Waterflood ☒ Pressure Maintenance ☐ Miscible Displacement ☐ Natural Gas Storage ☐

Steam ☐ Thermal Recovery ☐ Disposal ☐ Other _____

22. If disposal, are fluids from leases other than the lease identified in Item 9? Yes ☐ No ☐

23. Is this application for a Commercial Disposal Well ? Yes ☐ No ☒

24. If for commercial disposal, will non-hazardous oil and gas waste other than produced water be disposed? Yes ☐ No ☐

25. Type(s) of Injection Fluid:

Salt Water ☒ Brackish Water ☐ Fresh Water ☐ CO_2 ☐ N_2 ☐ Air ☐ H_2S ☐ LPG ☐ NORM ☐

Natural Gas ☐ Polymer ☐ Other (explain) _____

26. If water other than produced salt water will be injected, identify the source of each type of injection water by formation, or by aquifer and depths, or by name of surface water source:

CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Carolyn Dean 7/19/2021
Signature Date

Carolyn Dean
Name of Person (type or print)

XTO ENERGY INC.

Phone 432-221-7349 Fax _____

For Office Use Only	*Register No.*	*Amount $*

See Reverse Side for Required Attachments

RAILROAD COMMISSION OF TEXAS -- OIL AND GAS DIVISION

Form H-1A

INJECTION WELL DATA (attach to Form H-1)

1. Operator Name (as shown on P-5): XTO ENERGY INC.
2. Operator P-5 No.: 945936
3. Field Name: UNIVERSITY BLOCK 9 (WOLFCAMP)
4. Field No.: 92534750
5. Current Lease Name: UNIVERSITY BLK.9 /WOLFCAMP/ UNIT
6. Lease/Gas ID No.: 15046
7. Lease is 8 miles in a SOUTHWEST direction from ANDREWS (center of nearest town).

8. Well No.	9. API No.	10. UIC No.	11. Total Depth	12. Date Drilled	13. Base of Usable Quality Water (ft)
4C	42-003-00314	86962	10465	01/01/1984	1700

14. (a) Legal description of well location, including distance and direction from survey lines: 660 FSL & 660 FEL SEC 14, BLK 9, ULS

(b) Latitude and Longitude of well location, if known (optional) Lat. 32.194168 Long. -102.555485

15. New Injection Well ☐ or Injection Well Amendment ☒ Reason for Amendment: Pressure ☒ Volume ☐ Interval ☒ Fluid Type ☐

Other (explain) _____

Casing	Size	Setting Depth	Hole Size	Casing Weight	Cement Class	# Sacks of Cement	Top of Cement	Top Determined by
16. Surface	13 3/8	421	17 1/2	NR	C	450	0	CIRCULATED
17. Intermediate	9 5/8	4501	12 1/4	NR	C	2800	0	CIRCULATED
18. Long string	7	10462	8 3/4	23,26,29	C	1450	1726	TEMP SURVEY
19. Liner								

20. Tubing size	21. Tubing depth	22. Injection tubing packer depth	23. Injection interval
2 3/8	8345	4550	4650 to 8460

24. Cement Squeeze Operations (List all)	Squeeze Interval (ft)	No. of Sacks	Top of Cement (ft)
CSG LEAK	5423-5452	700	1726

25. Multiple Completion? Yes ☐ No ☒

26. Downhole Water Separation? Yes ☐ No ☒

NOTE: If the answer is "Yes" to Item 25 or 26, provide a Wellbore Sketch

27. Fluid Type	28. Maximum daily injection volume for each fluid type (rate in bpd or mcf/d)	29. Estimated average daily injection volume for each fluid type (rate in bpd or mcf/d)
SALT WATER	50000	2000

30. Maximum Surface Injection Pressure: for Liquid 2325 psig for Gas _____ psig.

8. Well No.	9. API No.	10. UIC No.	11. Total Depth	12. Date Drilled	13. Base of Usable Quality Water (ft)

14. (a) Legal description of well location, including distance and direction from survey lines:

(b) Latitude and Longitude of well location, if known (optional) Lat. _____ Long. _____

15. New Injection Well ☐ or Injection Well Amendment ☐ Reason for Amendment: Pressure ☐ Volume ☐ Interval ☐ Fluid Type ☐

Other (explain) _____

Casing	Size	Setting Depth	Hole Siz	Casing Weight	Cement Class	# Sacks of Cement	Top of Cement	Top Determined by
16. Surface								
17. Intermediate								
18. Long string								
19. Liner								

20. Tubing size	21. Tubing depth	22. Injection tubing packer depth	23. Injection interval
			_____ to _____

24. Cement Squeeze Operations (List all)	Squeeze Interval (ft)	No. of Sacks	Top of Cement (ft)

25. Multiple Completion? Yes ☐ No ☐

26. Downhole Water Separation? Yes ☐ No ☐

NOTE: If the answer is "Yes" to Item 25 or 26, provide a Wellbore Sketch

27. Fluid Type	28. Maximum daily injection volume for each fluid type (rate in bpd or mcf/d)	29. Estimated average daily injection volume for each fluid type (rate in bpd or mcf/d)

30. Maximum Surface Injection Pressure: for Liquid _____ psig for Gas _____ psig.