

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011
Permit 239864

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address XTO ENERGY, INC 5001. ILLINOIS SUITE 100 MIDLAND, TX 79707		2. OGRID Number 5380
4. Property Code 317788		3. API Number 30-015-44356
5. Property Name REMUDA SOUTH 25 STATE		6. Well No. 105H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	25	23S	29E		2280	N	2025	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	36	23S	29E	O	200	S	2310	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3061
16. Multiple N	17. Proposed Depth 18136	18. Formation Wolfcamp	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	365	328	0
Int1	12.25	9.625	36	3150	771	0
Prod	8.75	5.5	5.5	18136	2032	0

Casing/Cement Program: Additional Comments

Production: 8-3/4" hole fr/0-10,690', 8-1/2" hole fr/10,690-18,136. 5-1/2" P-110 csg will be run fr/0-18,136 & cemented to surf.
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	CAMERON

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Janice Farnsworth Title: Regulatory Compliance Tech Email Address: Janice_Farnsworth@xtoenergy.com Date: 8/1/2017	Approved By: Raymond Podany Title: Geologist Approved Date: 8/4/2017 Expiration Date: 8/4/2019 Conditions of Approval Attached
Phone: 303-397-3676	

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP					
⁴ Property Code		⁵ Property Name REMUDA SOUTH 25 STATE						⁶ Well Number 105H	
⁷ GRID NO. 005380		⁸ Operator Name XTO ENERGY, INC.						⁹ Elevation 3061'	
¹⁰ Surface Location									
UL or lot no. G	Section 25	Township 23S	Range 29E	Lot Idn	Feet from the 2280	North/South line NORTH	Feet From the 2025	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 36	Township 23S	Range 29E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet From the 2310	East/West line EAST	County EDDY
¹² Dedicated Acres 480		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. NSP PENDING			

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

	16 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N: 464640.5 - E: 622909.9 LAT: 32.27678726° N LONG: 103.93564514° W FIRST TAKE POINT N: 463929.6 - E: 622627.8 LAT: 32.27483601° N LONG: 103.93656622° W CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 456288.0 - E: 622317.9 B: FOUND BRASS CAP "1942" N: 461608.1 - E: 622290.7 C: CALCULATED CORNER N: 464259.7 - E: 622285.8 D: CALCULATED CORNER N: 464259.0 - E: 623611.2 E: CALCULATED CORNER N: 461609.4 - E: 623619.0 F: CALCULATED CORNER N: 456290.9 - E: 623644.5	16 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 464699.9 - E: 664093.3 LAT: 32.27690966° N LONG: 103.93613474° W FIRST TAKE POINT N: 463989.0 - E: 663811.2 LAT: 32.27495841° N LONG: 103.93705576° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 456347.1 - E: 663501.5 B: FOUND BRASS CAP "1942" N: 461667.4 - E: 663474.2 C: CALCULATED CORNER N: 464319.1 - E: 663469.2 D: CALCULATED CORNER N: 464318.4 - E: 664794.6 E: CALCULATED CORNER N: 461668.7 - E: 664802.5 F: CALCULATED CORNER N: 456350.0 - E: 664828.1	17 OPERATOR CERTIFICATION 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. Signature: <i>Jessica Bonilla</i> Date: 8/1/2017 JESSICA R. BONILLA Printed Name jessica_bonilla@xtoenergy.com E-mail Address
	18 SURVEYOR CERTIFICATION 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. 2-23-2017 Date of Survey Signature and Seal of Professional Surveyor		
	GEODETIC DATA NAD 27 GRID - NM EAST LAST TAKE POINT N: 456618.6 - E: 622660.4 LAT: 32.25473851° N LONG: 103.93654833° W BOTTOM HOLE N: 456488.7 - E: 622660.9 LAT: 32.25438123° N LONG: 103.93654833° W	GEODETIC DATA NAD 83 GRID - NM EAST LAST TAKE POINT N: 456677.8 - E: 663844.0 LAT: 32.25486108° N LONG: 103.93703721° W BOTTOM HOLE N: 456547.9 - E: 663844.5 LAT: 32.25450380° N LONG: 103.93703708° W	19680 Certificate Number
	RR - © Firm No.: TX 10193838 NM 4655451 - Job No.: LS1704196		

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Form APD Comments

Permit 239864

PERMIT COMMENTS

Operator Name and Address: XTO ENERGY, INC [5380] 500I. ILLINOIS SUITE 100 MIDLAND, TX 79707		API Number: 30-015-44356
		Well: REMUDA SOUTH 25 STATE #105H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 239864

PERMIT CONDITIONS OF APPROVAL

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		Well: REMUDA SOUTH 25 STATE #105H

OCD Reviewer	Condition
RPodany	Will require a directional survey with the C-104
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing