

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

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

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico **NM OIL CONSERVATION**
ARTESIA DISTRICT
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

OCT 09 2018

☐ AMENDED REPORT

RECEIVED

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

¹ Operator Name and Address XTO Energy, Inc. 6401 Holiday Hill Road, Bldg 5 - Midland, Texas 79707		² OGRID Number 005380
		³ API Number 30-015- 45310
⁴ Property Code 310423	⁵ Property Name Remuda North 31 State	⁶ Well No. 164H

⁷ Surface Location

UL - Lot K	Section 31	Township 23S	Range 30E	Lot Idn	Feet from 2020	N/S Line South	Feet From 2420	E/W Line West	County Eddy
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⁸ Proposed Bottom Hole Location

UL - Lot C	Section 19	Township 23S	Range 30E	Lot Idn	Feet from 200	N/S Line North	Feet From 2310	E/W Line West	County Eddy
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⁹ Pool Information

Wildcat, Wolfcamp ¹⁰ Pool Name W/C-015-G-05 5233031K Wolfcamp	¹¹ Pool Code 98241
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Additional Well Information

¹² Work Type NW	¹³ Well Type Gas	¹⁴ Cable/Rotary Rotary	¹⁵ Lease Type State	¹⁶ Ground Level Elevation 3215'
¹⁷ Multiple	¹⁸ Proposed Depth 23646	¹⁹ Formation Wolfcamp	²⁰ Contractor	²¹ Spud Date 10/20/2018
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

²² Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	24"	18-5/8"	87.5	549	880	0
Int 1	17-1/2"	13-3/8"	68	3328	2740	0
Int 2	12-1/4"	9-5/8"	40	10600	2460	0

Casing/Cement Program: Additional Comments

Production Csg: 8-3/4" Hole, 5-1/2" 20# Csg Set @ 23646' w/4030sx Cmt. Est TOC: 0'

²³ Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

²⁴ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.
Signature: Stephanie Rabadue

Printed name: Stephanie Rabadue
Title: Regulatory Coordinator
E-mail Address: stephanie_rabadue@xtoenergy.com
Date: 09/18/2018 Phone: 432-620-6714

OIL CONSERVATION DIVISION

Approved By:

Raymond M. Dolan

Title: Geologist

Approved Date: 10-10-18

Expiration Date: 10-10-20

Conditions of Approval Attached

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

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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

Revised August 1, 2011
Submit one copy to appropriate
District Office

RECEIVED
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45310	² Pool Code 98241	³ Pool Name Wildcat; Wolfcamp	⁴ Property Code 318423	⁵ Property Name REMUDA NORTH 31 STATE	⁶ Well Number 164H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.			⁹ Elevation 3,215	

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	23 S	30 E		2,020	SOUTH	2,420	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	23 S	30 E		200	NORTH	2,310	WEST	EDDY

¹² Dedicated Acres 360 400	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	GEODEIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 458,327.9 X= 627,383.4 LAT.= 32.259388°N LONG.= 103.921249°W FIRST TAKE POINT NAD 27 NME Y= 459,291.9 X= 627,269.2 LAT.= 32.262039°N LONG.= 103.921607°W	GEODEIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 458,387.2 X= 668,566.6 LAT.= 32.259511°N LONG.= 103.921739°W FIRST TAKE POINT NAD 83 NME Y= 459,351.2 X= 668,452.4 LAT.= 32.262162°N LONG.= 103.922097°W	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. Stephanie Rabadue 09/18/2018 Signature Date Stephanie Rabadue Printed Name stephanie_rabadue@xtoenergy.com E-mail Address
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 472,229.0 N, X= 626,232.7 E B - Y= 472,231.9 N, X= 627,570.8 E C - Y= 469,572.6 N, X= 626,250.7 E D - Y= 469,577.0 N, X= 627,589.8 E E - Y= 466,922.6 N, X= 626,269.9 E F - Y= 466,925.8 N, X= 627,608.8 E G - Y= 464,264.1 N, X= 626,285.9 E H - Y= 464,269.8 N, X= 627,623.9 E I - Y= 461,615.5 N, X= 626,302.6 E J - Y= 461,620.3 N, X= 627,639.0 E K - Y= 458,957.2 N, X= 626,320.6 E L - Y= 458,963.8 N, X= 627,657.9 E		
	CORNER COORDINATES TABLE NAD 83 NME A - Y= 472,288.6 N, X= 667,415.4 E B - Y= 472,291.5 N, X= 668,753.5 E C - Y= 469,632.1 N, X= 667,433.5 E D - Y= 469,636.5 N, X= 668,772.8 E E - Y= 466,982.1 N, X= 667,452.8 E F - Y= 466,985.3 N, X= 668,791.7 E G - Y= 464,323.5 N, X= 667,468.9 E H - Y= 464,329.2 N, X= 668,806.9 E I - Y= 461,674.8 N, X= 667,485.7 E J - Y= 461,679.6 N, X= 668,822.1 E K - Y= 459,016.5 N, X= 667,503.8 E L - Y= 459,023.1 N, X= 668,841.1 E		
	LAST TAKE POINT NAD 27 NME Y= 471,901.1 X= 627,197.8 LAT.= 32.296702°N LONG.= 103.921681°W	LAST TAKE POINT NAD 83 NME Y= 471,960.7 X= 668,380.5 LAT.= 32.296824°N LONG.= 103.922173°W	
BOTTOM HOLE LOCATION NAD 27 NME Y= 472,031.1 X= 627,196.9 LAT.= 32.297059°N LONG.= 103.921683°W		BOTTOM HOLE LOCATION NAD 83 NME Y= 472,090.7 X= 668,379.6 LAT.= 32.297181°N LONG.= 103.922174°W	

RWP 10-10-18

OCT 09 2018

Intent ☒ As Drilled ☐

RECEIVED

API # 30-015- 45310		
Operator Name: XTO Energy, Incorporated	Property Name: Remuda North 31 State	Well Number 164H

Kick Off Point (KOP)

UL K	Section 31	Township 23S	Range 30E	Lot	Feet 2020	From N/S South	Feet 2420	From E/W West	County Eddy
Latitude 32.259511					Longitude 103.921739			NAD 83	

First Take Point (FTP)

UL F	Section 31	Township 23S	Range 30E	Lot	Feet 2327	From N/S North	Feet 2310	From E/W West	County Eddy
Latitude 32.262162					Longitude -103.922097			NAD 83	

Last Take Point (LTP)

UL C	Section 19	Township 23S	Range 30E	Lot	Feet 330	From N/S North	Feet 2310	From E/W West	County Eddy
Latitude 32.297181					Longitude -103.922174			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018