

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address XTO Energy Inc. 6401 Holiday Hill Rd., Bldg 5 Midland, TX 79707		² OGRID Number 005380
		³ Reason for Filing Code/ Effective Date New Well
⁴ API Number 30 – 015-44304	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 317790	⁸ Property Name REMUDA NORTH 25 STATE	⁹ Well Number 107H

II. ¹⁰ Surface Location

UL or lot no. I	Section 25	Township 23S	Range 29E	Lot Idn	Feet from the 2380	North/South Line South	Feet from the 675	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 24	Township 23S	Range 29E	Lot Idn	Feet from the 221	North/South line North	Feet from the 452	East/West line East	County Eddy
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing LP	O
372787	Versa Enterprises LLC	O
248440	Western Refining	O
005380	XTO Energy	G

IV. Well Completion Data

²¹ Spud Date 07/06/19	²² Ready Date 03/31/20	²³ TD 18300	²⁴ PBDT 18290	²⁵ Perforations 10921-18159	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
20		16	344		550
14.75		11.75	3232		1820
10.625		8.625	7268		2220
7.875		5.5	18292		1380
		2.875	9807		

V. Well Test Data

³¹ Date New Oil 03/31/20	³² Gas Delivery Date 03/31/20	³³ Test Date 05/06/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 357	³⁶ Csg. Pressure 92
³⁷ Choke Size	³⁸ Oil 544	³⁹ Water 2552	⁴⁰ Gas 1160		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Cheryl Rowell			OIL CONSERVATION DIVISION		
Printed name: CHERYL ROWELL			Approved by: 		
Title: REGULATORY COORDINATOR			Title: BUSINESS OP. SPEC.		
E-mail Address: CHERYL_ROWELL@XTOENERGY.COM			Approval Date: 12/18/2020		
Date: 05/13/20		Phone: 432-218-5734			

District I

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

District II

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

District III

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

District IV

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

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

¹ API Number 30-015-44304	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 317790	⁵ Property Name REMUDA NORTH 25 STATE	⁶ Well Number 107H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,072'

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
I	25	23 S	29 E		2,380	SOUTH	675	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	23 S	29 E		221	NORTH	452	EAST	EDDY

¹² Dedicated Acres 480	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.

NOTE: AS-DRILLED BOTTOM HOLE PLOTTED
FROM DATA FURNISHED BY XTO ENERGY

	SEC. 13 H G 452' 455' L.T.P. MD=18,159' F E 330' D C 2,287' B A 446' 675' 504' 2,294' 2,380' S.H.L. K.O.P. MD=9,820'	SEC. 18 B.H.L. SURFACE LOCATION Y= 463,989.4 X= 624,262.6 LAT.= 32.274984°N LONG.= 103.931276°W FIRST TAKE POINT NAD 27 NME Y= 464,632.4 X= 624,488.4 LAT.= 32.276749°N LONG.= 103.930538°W KICK OFF POINT NAD 83 NME Y= 463,963.6 X= 665,616.9 LAT.= 32.274870°N LONG.= 103.931214°W KICK OFF POINT NAD 27 NME Y= 463,904.2 X= 624,433.9 LAT.= 32.274748°N LONG.= 103.930723°W	SEC. 19 T23S R30E SURFACE LOCATION Y= 464,048.8 X= 665,445.6 LAT.= 32.275106°N LONG.= 103.931767°W FIRST TAKE POINT NAD 83 NME Y= 464,691.8 X= 665,671.4 LAT.= 32.276871°N LONG.= 103.931029°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 464,258.3 N, X= 624,936.3 E B - Y= 464,258.9 N, X= 623,667.2 E C - Y= 466,919.4 N, X= 624,926.4 E D - Y= 466,919.6 N, X= 623,603.9 E E - Y= 469,568.1 N, X= 624,904.6 E F - Y= 469,570.2 N, X= 623,580.9 E G - Y= 472,226.1 N, X= 624,885.4 E H - Y= 472,227.8 N, X= 623,559.3 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 464,317.7 N, X= 666,119.3 E B - Y= 464,318.3 N, X= 664,850.2 E C - Y= 466,978.9 N, X= 666,109.3 E D - Y= 466,979.1 N, X= 664,786.8 E E - Y= 469,627.6 N, X= 666,087.4 E F - Y= 469,629.7 N, X= 664,763.7 E G - Y= 472,285.7 N, X= 666,068.1 E H - Y= 472,287.4 N, X= 664,742.0 E LAST TAKE POINT NAD 27 NME Y= 471,864.7 X= 624,432.5 LAT.= 32.296630°N LONG.= 103.930631°W BOTTOM HOLE LOCATION NAD 27 NME Y= 472,005.6 X= 624,434.8 LAT.= 32.297018°N LONG.= 103.930622°W	SEC. 24 T23S R29E F E 330' D C 2,287' B A 446' 675' 504' 2,294' 2,380' S.H.L. K.O.P. MD=9,820'	SEC. 25 H G 452' 455' L.T.P. MD=18,159' F E 330' D C 2,287' B A 446' 675' 504' 2,294' 2,380' S.H.L. K.O.P. MD=9,820'	SEC. 30 B.H.L. SURFACE LOCATION Y= 463,989.4 X= 624,262.6 LAT.= 32.274984°N LONG.= 103.931276°W FIRST TAKE POINT NAD 27 NME Y= 464,632.4 X= 624,488.4 LAT.= 32.276749°N LONG.= 103.930538°W KICK OFF POINT NAD 83 NME Y= 463,963.6 X= 665,616.9 LAT.= 32.274870°N LONG.= 103.931214°W KICK OFF POINT NAD 27 NME Y= 463,904.2 X= 624,433.9 LAT.= 32.274748°N LONG.= 103.930723°W	SEC. 18 B.H.L. SURFACE LOCATION Y= 463,989.4 X= 624,262.6 LAT.= 32.274984°N LONG.= 103.931276°W FIRST TAKE POINT NAD 27 NME Y= 464,632.4 X= 624,488.4 LAT.= 32.276749°N LONG.= 103.930538°W KICK OFF POINT NAD 83 NME Y= 463,963.6 X= 665,616.9 LAT.= 32.274870°N LONG.= 103.931214°W KICK OFF POINT NAD 27 NME Y= 463,904.2 X= 624,433.9 LAT.= 32.274748°N LONG.= 103.930723°W	SEC. 19 T23S R30E SURFACE LOCATION Y= 464,048.8 X= 665,445.6 LAT.= 32.275106°N LONG.= 103.931767°W FIRST TAKE POINT NAD 83 NME Y= 464,691.8 X= 665,671.4 LAT.= 32.276871°N LONG.= 103.931029°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 464,258.3 N, X= 624,936.3 E B - Y= 464,258.9 N, X= 623,667.2 E C - Y= 466,919.4 N, X= 624,926.4 E D - Y= 466,919.6 N, X= 623,603.9 E E - Y= 469,568.1 N, X= 624,904.6 E F - Y= 469,570.2 N, X= 623,580.9 E G - Y= 472,226.1 N, X= 624,885.4 E H - Y= 472,227.8 N, X= 623,559.3 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 464,317.7 N, X= 666,119.3 E B - Y= 464,318.3 N, X= 664,850.2 E C - Y= 466,978.9 N, X= 666,109.3 E D - Y= 466,979.1 N, X= 664,786.8 E E - Y= 469,627.6 N, X= 666,087.4 E F - Y= 469,629.7 N, X= 664,763.7 E G - Y= 472,285.7 N, X= 666,068.1 E H - Y= 472,287.4 N, X= 664,742.0 E LAST TAKE POINT NAD 27 NME Y= 471,864.7 X= 624,432.5 LAT.= 32.296630°N LONG.= 103.930631°W BOTTOM HOLE LOCATION NAD 27 NME Y= 472,005.6 X= 624,434.8 LAT.= 32.297018°N LONG.= 103.930622°W	SEC. 24 T23S R29E F E 330' D C 2,287' B A 446' 675' 504' 2,294' 2,380' S.H.L. K.O.P. MD=9,820'	SEC. 25 H G 452' 455' L.T.P. MD=18,159' F E 330' D C 2,287' B A 446' 675' 504' 2,294' 2,380' S.H.L. K.O.P. MD=9,820'	SEC. 30 B.H.L. SURFACE LOCATION Y= 463,989.4 X= 624,262.6 LAT.= 32.274984°N LONG.= 103.931276°W FIRST TAKE POINT NAD 27 NME Y= 464,632.4 X= 624,488.4 LAT.= 32.276749°N LONG.= 103.930538°W KICK OFF POINT NAD 83 NME Y= 463,963.6 X= 665,616.9 LAT.= 32.274870°N LONG.= 103.931214°W KICK OFF POINT NAD 27 NME Y= 463,904.2 X= 624,433.9 LAT.= 32.274748°N LONG.= 103.930723°W
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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.

Cheryl Rowell 12/9/20
Signature Date

Cheryl Rowell
Printed Name

cheryl_rowell@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.

12-3-2020

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

JC

2019010072



Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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



November 25, 2019

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Colin Gilmore

Re: XTO Energy Inc.
Remuda North 25 State #107H
Purple Sage; Wolfcamp
Eddy County, New Mexico
API# 30-015-44304

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, LLC. (P-5 #828149) Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Cliff Bray	Original Hole	155ft. to 18,251ft.	07-08-19 to 07-25-19	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

Enclosures

CC:

XTO Energy Inc.
Attn: Colin Gilmore
6401 Holiday Hill Rd. #5
Midland, Texas 79707

NMEMaNRD\ XTO Energy Inc.\Remuda North 25 State #107HM191133

STRYKER ENERGY DIRECTIONAL SERVICES, LLC.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



November 25, 2019

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of September 2, 2019 through September 29, 2019, conduct or supervise the taking of a SEDS MWD Original Hole Survey from a depth of 155feet to a depth of 18,251feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc., for the Remuda North 25 State #107H well, API #**30-015-44304** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C..

A handwritten signature in black ink, appearing to read "Eric V. Estes", is written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

**STRYKER ENERGY DIRECTIONAL SERVICES, LLC.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163**

Survey Report Landscape

Company: XTO Energy
 Project: Eddy County, NM (NAD27) NMEZ Grid
 Site: Remuda North 25 State 107H, 127H, 128H, 168H
 Well: RN25-107H
 Wellbore: 107H Lateral
 Design: 107H Lateral AsDrilled

Local Co-ordinate Reference: Well RN25-107H - Slot RN25- 107H SHL
 TVD Reference: 3074+25 @ 3099.00usft (Tr1101)
 MD Reference: 3074+25 @ 3099.00usft (Tr1101)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: STRYKER_EDM

Survey Program		Date	07/25/19										
From (usft)	To (usft)	Survey (Wellbore)		Tool Name		Description							
155.00	9,670.00	Survey #1 (107H Lateral)		MWD	OWSG MWD - Standard								
9,762.00	18,251.00	Survey #2 (107H Lateral)		MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction								
18,300.00	18,300.00	Survey #3 (107H Lateral)		Projection	Projection								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)			
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463,989.40	624,262.60			
RN25- 107H SHL - RS25- 128H SHL - RN25- 167H SHL - RS25- 107H SHL - RS25- 908H SHL													
0.02	0.00	358.20	0.02	0.00	0.00	0.00	358.20	0.00	463,989.40	624,262.60			
RN25- 127H SHL													
155.00	1.50	358.20	154.98	2.03	-0.06	2.03	358.20	0.97	463,991.43	624,262.54			
245.00	1.20	316.80	244.96	3.89	-0.75	3.96	349.15	1.11	463,993.29	624,261.85			
312.00	1.50	300.60	311.94	4.85	-1.98	5.24	337.78	0.72	463,994.25	624,260.62			
428.00	1.50	293.00	427.90	6.22	-4.69	7.78	322.99	0.17	463,995.62	624,257.91			
518.00	1.20	252.00	517.88	6.39	-6.67	9.23	313.77	1.10	463,995.79	624,255.93			
609.00	1.30	229.40	608.86	5.42	-8.36	9.96	302.96	0.55	463,994.82	624,254.24			
700.00	0.40	228.70	699.85	4.54	-9.38	10.42	295.82	0.99	463,993.94	624,253.22			
790.00	0.40	56.30	789.85	4.50	-9.35	10.38	295.72	0.89	463,993.90	624,253.25			
882.00	0.20	90.60	881.84	4.68	-8.93	10.08	297.68	0.28	463,994.08	624,253.67			
974.00	0.20	122.60	973.84	4.59	-8.63	9.78	298.02	0.12	463,993.99	624,253.97			
1,066.00	0.40	150.10	1,065.84	4.23	-8.33	9.35	296.90	0.26	463,993.63	624,254.27			
1,113.00	0.40	171.00	1,112.84	3.92	-8.23	9.11	295.50	0.31	463,993.32	624,254.37			
1,203.00	0.70	167.70	1,202.84	3.08	-8.06	8.63	290.89	0.34	463,992.48	624,254.54			
1,295.00	0.90	186.10	1,294.83	1.81	-8.02	8.22	282.71	0.35	463,991.21	624,254.58			
1,387.00	1.20	191.40	1,386.81	0.15	-8.28	8.29	271.01	0.34	463,989.55	624,254.32			
1,479.00	0.60	171.70	1,478.80	-1.28	-8.41	8.50	261.37	0.72	463,988.12	624,254.19			
1,569.00	0.50	159.10	1,568.80	-2.11	-8.20	8.46	255.58	0.17	463,987.29	624,254.40			

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral/AsDrilled

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tri101)
 3074+25 @ 3099.00usft (Tri101)
 Grid
 Minimum Curvature
 STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100ft)	Northing (usft)	Easting (usft)
	1,659.00	0.70	170.90	1,658.79	-3.02	-7.97	8.52	249.26	0.26	463,986.38	624,254.63
	1,751.00	0.90	190.20	1,750.78	-4.28	-8.01	9.08	241.86	0.36	463,985.12	624,254.59
	1,841.00	0.70	263.50	1,840.78	-5.04	-8.68	10.04	239.85	1.08	463,984.36	624,253.92
	1,932.00	1.10	266.10	1,931.76	-5.16	-10.10	11.35	242.93	0.44	463,984.24	624,252.50
	2,022.00	0.50	284.30	2,021.76	-5.13	-11.35	12.45	245.69	0.72	463,984.27	624,251.25
	2,113.00	0.40	27.00	2,112.75	-4.74	-11.59	12.52	247.73	0.78	463,984.66	624,251.01
	2,203.00	0.40	345.30	2,202.75	-4.16	-11.52	12.25	250.15	0.32	463,985.24	624,251.08
	2,294.00	0.80	36.10	2,293.75	-3.34	-11.23	11.72	253.44	0.69	463,986.06	624,251.37
	2,385.00	0.90	33.60	2,384.74	-2.23	-10.46	10.70	257.96	0.12	463,987.17	624,252.14
	2,476.00	0.70	48.10	2,475.73	-1.27	-9.65	9.73	262.53	0.31	463,988.13	624,252.95
	2,567.00	1.00	80.20	2,566.72	-0.76	-8.46	8.49	264.87	0.61	463,988.64	624,254.14
	2,657.00	1.60	98.10	2,656.70	-0.80	-6.44	6.49	262.89	0.80	463,988.60	624,256.16
	2,748.00	0.90	118.80	2,747.67	-1.33	-4.55	4.74	253.77	0.90	463,988.07	624,258.05
	2,838.00	1.10	146.50	2,837.66	-2.39	-3.46	4.20	235.38	0.57	463,987.01	624,259.14
	2,929.00	1.70	143.70	2,928.63	-4.20	-2.18	4.73	207.38	0.66	463,985.20	624,260.42
	3,019.00	1.00	155.10	3,018.61	-5.99	-1.06	6.08	189.99	0.83	463,983.41	624,261.54
	3,110.00	0.60	172.50	3,109.60	-7.18	-0.66	7.21	185.24	0.51	463,982.22	624,261.94
	3,160.00	0.60	165.80	3,159.60	-7.70	-0.56	7.72	184.16	0.14	463,981.70	624,262.04
	3,293.00	0.40	189.60	3,292.59	-8.83	-0.47	8.84	183.03	0.21	463,980.57	624,262.13
	3,384.00	1.30	90.00	3,383.58	-9.14	0.51	9.16	176.79	1.56	463,980.26	624,263.11
	3,475.00	2.50	85.00	3,474.53	-8.97	3.52	9.64	158.56	1.33	463,980.43	624,266.12
	3,565.00	2.70	86.70	3,564.44	-8.68	7.59	11.53	138.81	0.24	463,980.72	624,270.19
	3,654.00	2.50	88.20	3,653.35	-8.50	11.63	14.40	126.16	0.24	463,980.90	624,274.23
	3,744.00	2.60	86.80	3,743.26	-8.32	15.63	17.70	118.03	0.13	463,981.08	624,278.23
	3,835.00	2.50	89.30	3,834.17	-8.18	19.67	21.30	112.58	0.16	463,981.22	624,282.27
	3,926.00	1.50	94.70	3,925.11	-8.25	22.84	24.29	109.87	1.12	463,981.15	624,285.44
	4,017.00	1.00	108.80	4,016.09	-8.61	24.78	26.23	109.15	0.64	463,980.79	624,287.38

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral AsDrilled

Local Co-ordinate Reference: Well RN25-107H - Slot RN25- 107H SHL
TVD Reference: 3074+25 @ 3099.00usft (Tri101)
MD Reference: 3074+25 @ 3099.00usft (Tri101)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D/Leg (°/100ft)	Northing (usft)	Easting (usft)
	4,107.00	1.00	104.60	4,106.08	-9.06	26.29	27.80	109.01	0.08	463,980.34	624,288.89
	4,198.00	1.20	107.70	4,197.06	-9.55	27.96	29.55	108.85	0.23	463,979.85	624,290.56
	4,289.00	1.10	110.40	4,288.04	-10.14	29.69	31.37	108.86	0.12	463,979.26	624,292.29
	4,379.00	1.30	94.60	4,378.02	-10.53	31.52	33.23	108.47	0.43	463,978.87	624,294.12
	4,470.00	1.20	87.60	4,469.00	-10.57	33.50	35.12	107.51	0.20	463,978.83	624,296.10
	4,561.00	2.20	98.50	4,559.96	-10.79	36.18	37.75	106.60	1.15	463,978.61	624,298.78
	4,652.00	2.20	104.50	4,650.89	-11.48	39.59	41.23	106.17	0.25	463,977.92	624,302.19
	4,741.00	2.20	104.20	4,739.83	-12.33	42.90	44.64	106.03	0.01	463,977.07	624,305.50
	4,831.00	2.30	102.80	4,829.76	-13.15	46.34	48.17	105.85	0.13	463,976.25	624,308.94
	4,923.00	2.30	100.20	4,921.68	-13.89	49.96	51.85	105.54	0.11	463,975.51	624,312.56
	5,012.00	2.40	101.00	5,010.61	-14.56	53.54	55.49	105.21	0.12	463,974.84	624,316.14
	5,102.00	2.40	104.60	5,100.53	-15.40	57.22	59.25	105.06	0.17	463,974.00	624,319.82
	5,193.00	2.40	114.30	5,191.45	-16.66	60.80	63.04	105.32	0.45	463,972.74	624,323.40
	5,284.00	2.40	123.80	5,282.37	-18.50	64.12	66.73	106.10	0.44	463,970.90	624,326.72
	5,374.00	2.50	120.30	5,372.29	-20.54	67.38	70.44	106.96	0.20	463,968.86	624,329.98
	5,464.00	2.20	136.40	5,462.21	-22.78	70.26	73.87	107.97	0.80	463,966.62	624,332.86
	5,555.00	2.00	148.80	5,553.15	-25.41	72.29	76.63	109.36	0.54	463,963.99	624,334.89
	5,645.00	1.80	147.70	5,643.10	-27.94	73.86	78.97	110.72	0.23	463,961.46	624,336.46
	5,735.00	1.80	146.80	5,733.06	-30.32	75.39	81.26	111.91	0.03	463,959.08	624,337.99
	5,826.00	1.70	150.20	5,824.02	-32.69	76.84	83.51	113.05	0.16	463,956.71	624,339.44
	5,917.00	1.60	148.90	5,914.98	-34.95	78.17	85.63	114.09	0.12	463,954.45	624,340.77
	6,008.00	1.60	147.30	6,005.94	-37.11	79.51	87.74	115.02	0.05	463,952.29	624,342.11
	6,099.00	1.50	148.60	6,096.91	-39.19	80.82	89.82	115.87	0.12	463,950.21	624,343.42
	6,190.00	1.70	145.80	6,187.87	-41.32	82.20	92.00	116.69	0.24	463,948.08	624,344.80
	6,280.00	1.80	145.30	6,277.83	-43.59	83.75	94.42	117.50	0.11	463,945.81	624,346.35
	6,371.00	1.90	149.50	6,368.78	-46.07	85.33	96.97	118.36	0.19	463,943.33	624,347.93
	6,461.00	1.80	142.00	6,458.74	-48.46	86.96	99.55	119.13	0.29	463,940.94	624,349.56

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral/AsDrilled

Local Co-ordinate Reference:
TVD Reference: 3074+25 @ 3099.00usft (Tri101)
MD Reference: 3074+25 @ 3099.00usft (Tri101)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: STRYKER_EDM

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tri101)
 3074+25 @ 3099.00usft (Tri101)
 Grid
 Minimum Curvature
 STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	Dleg (°/100ft)	Northing (usft)	Easting (usft)
	6,551.00	1.80	144.60	6,548.69	-50.73	88.65	102.14	119.78	0.09	463,938.67	624,351.25
	6,643.00	1.80	144.30	6,640.65	-53.08	90.33	104.77	120.44	0.01	463,936.32	624,352.93
	6,736.00	1.80	136.70	6,733.60	-55.33	92.18	107.51	120.97	0.26	463,934.07	624,354.78
	6,826.00	1.80	137.30	6,823.56	-57.40	94.11	110.23	121.38	0.02	463,932.00	624,356.71
	6,915.00	1.70	137.40	6,912.52	-59.40	95.95	112.85	121.76	0.11	463,930.00	624,358.55
	7,007.00	1.50	138.90	7,004.48	-61.31	97.67	115.32	122.12	0.22	463,928.09	624,360.27
	7,098.00	1.50	140.00	7,095.45	-63.12	99.22	117.59	122.46	0.03	463,926.28	624,361.82
	7,187.00	1.50	137.50	7,184.42	-64.87	100.75	119.83	122.78	0.07	463,924.53	624,363.35
	7,299.00	1.80	135.10	7,296.37	-67.20	102.98	122.97	123.12	0.27	463,922.20	624,365.58
	7,389.00	1.60	140.40	7,386.33	-69.17	104.78	125.55	123.43	0.28	463,920.23	624,367.38
	7,480.00	1.40	140.60	7,477.30	-71.00	106.30	127.83	123.74	0.22	463,918.40	624,368.90
	7,571.00	1.30	131.00	7,568.28	-72.54	107.78	129.92	123.94	0.27	463,916.86	624,370.38
	7,662.00	1.50	158.30	7,659.25	-74.32	109.00	131.93	124.29	0.76	463,915.08	624,371.60
	7,753.00	1.30	111.30	7,750.23	-75.81	110.41	133.93	124.47	1.24	463,913.59	624,373.01
	7,844.00	0.50	122.60	7,841.21	-76.40	111.70	135.33	124.37	0.90	463,913.00	624,374.30
	7,936.00	1.00	105.10	7,933.21	-76.82	112.81	136.49	124.25	0.59	463,912.58	624,375.41
	8,027.00	0.40	154.30	8,024.20	-77.31	113.72	137.51	124.21	0.88	463,912.09	624,376.32
	8,117.00	0.50	187.00	8,114.20	-77.99	113.81	137.96	124.42	0.30	463,911.41	624,376.41
	8,207.00	2.50	65.50	8,204.17	-77.56	115.55	139.16	123.87	3.10	463,911.84	624,378.15
	8,299.00	2.20	67.00	8,296.09	-76.04	119.00	141.22	122.58	0.33	463,913.36	624,381.60
	8,390.00	1.80	67.50	8,387.04	-74.81	121.93	143.05	121.53	0.44	463,914.59	624,384.53
	8,481.00	2.90	75.90	8,477.96	-73.70	125.48	145.52	120.43	1.26	463,915.70	624,388.08
	8,574.00	2.20	84.40	8,570.87	-72.96	129.54	148.67	119.39	0.85	463,916.44	624,392.14
	8,667.00	0.60	58.50	8,663.84	-72.53	131.73	150.38	118.84	1.81	463,916.87	624,394.33
	8,758.00	2.10	35.60	8,754.81	-70.92	133.11	150.82	118.05	1.72	463,918.48	624,395.71
	8,849.00	1.00	24.80	8,845.77	-68.85	134.41	151.02	117.12	1.25	463,920.55	624,397.01
	8,940.00	2.60	109.90	8,936.74	-68.83	136.68	153.04	116.73	2.97	463,920.57	624,399.28

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H,127H,128H,168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral/AsDrilled

Local Co-ordinate Reference:
TVD Reference: 3074+25 @ 3099.00usft (Tr1101)
MD Reference: 3074+25 @ 3099.00usft (Tr1101)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: STRYKER_EDM

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tr1101)
 3074+25 @ 3099.00usft (Tr1101)
 Grid
 Minimum Curvature
 STRYKER_EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100ft)	Northing (usft)	Easting (usft)
9,031.00	2.70	115.90	9,027.64	-70.47	140.55	157.23	116.63	0.32	463,918.93	624,403.15
9,120.00	2.80	106.20	9,116.54	-71.99	144.53	161.46	116.48	0.53	463,917.41	624,407.13
9,212.00	2.80	103.70	9,208.43	-73.15	148.87	165.87	116.17	0.13	463,916.25	624,411.47
9,303.00	2.20	112.20	9,299.34	-74.33	152.64	169.78	115.96	0.77	463,915.07	624,415.24
9,394.00	2.10	121.10	9,390.28	-75.85	155.69	173.18	115.98	0.38	463,913.55	624,418.29
9,486.00	2.50	117.20	9,482.20	-77.64	158.92	176.87	116.04	0.47	463,911.76	624,421.52
9,578.00	2.80	116.40	9,574.11	-79.56	162.71	181.12	116.06	0.33	463,909.84	624,425.31
9,670.00	2.50	129.90	9,666.01	-81.85	166.27	185.32	116.21	0.75	463,907.55	624,428.87
9,762.00	2.70	145.20	9,757.91	-84.91	169.04	189.17	116.67	0.78	463,904.49	624,431.64
9,848.00	3.39	60.41	9,843.83	-85.32	172.41	192.37	116.33	4.81	463,904.08	624,435.01
9,849.36	3.51	58.85	9,845.18	-85.28	172.48	192.41	116.31	10.94	463,904.12	624,435.08
RS25- 908H LTP_330FSL_330FEL										
9,893.00	7.83	36.56	9,888.61	-82.20	175.40	193.70	115.11	10.94	463,907.20	624,438.00
RS25- 107H LTP_330FSL_557FWL										
9,938.00	11.49	17.65	9,932.97	-75.46	178.58	193.87	112.91	10.66	463,913.94	624,441.18
RS25- 167H LTP_330FSL_337FWL - RS25- 128H LTP_330FSL_530FEL										
9,984.00	16.22	16.14	9,977.62	-64.92	181.76	193.00	109.66	10.31	463,924.48	624,444.36
10,030.00	19.97	20.52	10,021.34	-51.38	186.30	193.26	105.42	8.67	463,938.02	624,448.90
10,076.00	23.86	15.19	10,064.01	-35.04	191.49	194.67	100.37	9.49	463,954.36	624,454.09
10,121.00	28.18	11.28	10,104.44	-15.83	195.96	196.60	94.62	10.32	463,973.57	624,458.56
10,166.00	33.19	8.60	10,143.13	6.79	199.88	200.00	88.06	11.54	463,996.19	624,462.48
10,211.00	34.48	8.24	10,180.51	31.57	203.55	205.98	81.18	2.90	464,020.97	624,466.15
10,257.00	37.55	8.57	10,217.72	58.33	207.51	215.55	74.30	6.69	464,047.73	624,470.11
10,271.65	39.25	8.41	10,229.20	67.33	208.85	219.43	72.13	11.60	464,056.73	624,471.45
RS25- 908H FTP_330FNL_330FEL										
10,302.00	42.76	8.12	10,252.10	87.03	211.71	228.90	67.65	11.60	464,076.43	624,474.31
10,325.84	44.80	6.85	10,269.31	103.38	213.85	237.53	64.20	9.31	464,092.78	624,476.45
RS25- 107H FTP_330FNL_506FWL										

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral/AsDrilled

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tr101)
 3074+25 @ 3099.00usft (Tr101)
 Grid
 Minimum Curvature
 STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
	10,392.00	50.52	3.75	10,313.86	152.05	218.31	266.04	55.14	9.31	464,141.45	624,480.91
	10,483.00	57.74	4.60	10,367.14	225.54	223.70	317.66	44.76	7.97	464,214.94	624,486.30
	10,534.00	62.44	4.13	10,392.57	269.61	227.06	352.48	40.10	9.26	464,259.01	624,489.66
Wellpath Crosses Unit Line @ Heel											
	10,573.00	66.04	3.79	10,409.51	304.65	229.48	381.40	36.99	9.26	464,294.05	624,492.08
RS25- 167H FTP_329FNL_286FWL - RS25- 128H FTP_329FNL_530FEL											
	10,664.00	72.74	2.06	10,441.53	389.66	233.79	454.42	30.96	7.57	464,379.06	624,496.39
	10,755.00	78.98	359.67	10,463.75	477.84	235.10	532.55	26.20	7.31	464,467.24	624,497.70
	10,780.23	81.86	358.57	10,467.95	502.72	234.72	554.81	25.03	12.20	464,492.12	624,497.32
RN25- 107H LP											
	10,825.00	86.98	356.66	10,472.30	547.22	232.86	594.70	23.05	12.20	464,536.62	624,495.46
Wellpath Crosses FTP											
	10,828.07	87.33	356.53	10,472.46	550.28	232.68	597.45	22.92	12.20	464,539.68	624,495.28
RN25- 107H FTP_281FSL_440FEL											
	10,828.16	87.34	356.53	10,472.46	550.36	232.67	597.53	22.92	12.20	464,539.76	624,495.27
RN25- 128H FTP_281FSL_330FEL											
	10,841.05	88.81	355.98	10,472.89	563.22	231.83	609.07	22.37	12.20	464,552.62	624,494.43
RN25- 168H FTP_251FSL_614FWL											
	10,846.00	89.38	355.77	10,472.97	568.16	231.48	613.50	22.17	12.20	464,557.56	624,494.08
	10,872.10	89.37	355.71	10,473.26	594.18	229.54	636.98	21.12	0.23	464,583.58	624,492.14
RN25- 127H FTP_281FSL_285FWL											
	10,936.00	89.33	355.57	10,473.98	657.90	224.68	695.20	18.86	0.23	464,647.30	624,487.28
	11,027.00	89.58	353.90	10,474.85	748.50	216.33	779.14	16.12	1.86	464,737.90	624,478.93
	11,117.00	91.51	358.81	10,473.99	838.29	210.61	864.34	14.10	5.86	464,827.69	624,473.21
	11,208.00	90.59	2.07	10,472.32	929.25	211.31	952.98	12.81	3.72	464,918.65	624,473.91
	11,300.00	90.34	2.59	10,471.58	1,021.18	215.05	1,043.57	11.89	0.63	465,010.58	624,477.65
	11,390.00	89.10	0.76	10,472.02	1,111.13	217.68	1,132.25	11.08	2.46	465,100.53	624,480.28
	11,482.00	88.88	0.08	10,473.64	1,203.11	218.36	1,222.77	10.29	0.78	465,192.51	624,480.96

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral AsDrilled

Local Co-ordinate Reference: Well RN25-107H - Slot RN25- 107H SHL
TVD Reference: 3074+25 @ 3099.00usft (Tr101)
MD Reference: 3074+25 @ 3099.00usft (Tr101)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100ft)	Northing (usft)	Easting (usft)
	11,574.00	89.30	359.84	10,475.10	1,295.10	218.29	1,313.37	9.57	0.53	465,284.50	624,480.89
	11,665.00	88.29	1.84	10,477.01	1,386.07	219.62	1,403.36	9.00	2.46	465,375.47	624,482.22
	11,756.00	88.32	2.04	10,479.71	1,476.97	222.70	1,493.67	8.57	0.22	465,466.37	624,485.30
	11,846.00	88.01	0.93	10,482.59	1,566.90	225.03	1,582.97	8.17	1.28	465,556.30	624,487.63
	11,938.00	88.01	0.94	10,485.78	1,658.83	226.54	1,674.22	7.78	0.01	465,648.23	624,489.14
	12,031.00	88.26	0.89	10,488.81	1,751.77	228.02	1,766.54	7.42	0.27	465,741.17	624,490.82
	12,123.00	90.00	1.71	10,490.21	1,843.73	230.11	1,858.03	7.11	2.09	465,833.13	624,492.71
	12,214.00	89.86	1.77	10,490.32	1,934.69	232.87	1,948.65	6.86	0.17	465,924.09	624,495.47
	12,304.00	91.01	2.26	10,489.63	2,024.63	236.03	2,038.34	6.65	1.39	466,014.03	624,498.63
	12,394.00	91.15	359.51	10,487.94	2,114.59	237.42	2,127.88	6.41	3.06	466,103.99	624,500.02
	12,483.00	91.09	358.69	10,486.20	2,203.56	236.03	2,216.17	6.11	0.92	466,192.96	624,498.63
	12,575.00	89.86	356.80	10,485.44	2,295.48	232.41	2,307.22	5.78	2.45	466,284.88	624,495.01
	12,667.00	89.50	355.91	10,485.95	2,387.29	226.56	2,398.02	5.42	1.04	466,376.69	624,489.16
	12,757.00	88.66	357.60	10,487.39	2,477.13	221.46	2,487.01	5.11	2.10	466,466.53	624,484.06
	12,847.00	89.19	358.00	10,489.08	2,567.05	218.01	2,576.29	4.85	0.74	466,556.45	624,480.61
	12,938.00	89.30	357.33	10,490.28	2,657.97	214.30	2,666.59	4.61	0.75	466,647.37	624,476.90
	13,029.00	89.36	356.73	10,491.35	2,748.84	209.59	2,756.82	4.36	0.66	466,738.24	624,472.19
	13,119.00	89.30	359.11	10,492.40	2,838.77	206.32	2,846.25	4.16	2.65	466,828.17	624,468.92
	13,210.00	91.34	0.36	10,491.89	2,929.76	205.90	2,936.98	4.02	2.63	466,919.16	624,468.50
	13,302.00	90.98	359.20	10,490.03	3,021.73	205.55	3,028.72	3.89	1.32	467,011.13	624,468.15
	13,394.00	90.84	0.18	10,488.57	3,113.72	205.05	3,120.47	3.77	1.08	467,103.12	624,467.55
	13,483.00	92.10	0.71	10,486.28	3,202.69	205.74	3,209.29	3.68	1.54	467,192.09	624,468.34
	13,574.00	91.37	359.03	10,483.53	3,293.64	205.53	3,300.05	3.57	2.01	467,283.04	624,468.13
	13,665.00	93.03	1.18	10,480.03	3,384.57	205.70	3,390.81	3.48	2.98	467,373.97	624,468.30
	13,757.00	89.75	359.37	10,477.80	3,476.52	206.14	3,482.63	3.39	4.07	467,465.92	624,468.74
	13,848.00	91.46	0.10	10,476.84	3,567.51	205.72	3,573.44	3.30	2.04	467,556.91	624,468.32
	13,939.00	89.55	358.01	10,476.04	3,658.49	204.22	3,664.18	3.19	3.11	467,647.89	624,466.82

Survey Report Landscape

Company: XTO Energy
Project: Eddy County, NM (NAD27) NMEZ Grid
Site: Remuda North 25 State 107H, 127H, 128H, 168H
Well: RN25-107H
Wellbore: 107H Lateral
Design: 107H Lateral As Drilled

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tr101)
 3074+25 @ 3099.00usft (Tr101)
 Grid
 Minimum Curvature
 STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100ft)	Northing (usft)	Easting (usft)
	14,030.00	88.60	357.21	10,477.51	3,749.39	200.42	3,754.75	3.06	1.36	467,738.79	624,463.02
	14,120.00	90.84	2.27	10,477.95	3,839.36	200.02	3,844.56	2.98	6.15	467,828.76	624,462.82
	14,211.00	91.15	1.91	10,476.37	3,930.28	203.33	3,935.54	2.96	0.52	467,919.68	624,465.93
	14,302.00	93.70	3.25	10,472.52	4,021.10	207.43	4,026.44	2.95	3.16	468,010.50	624,470.03
	14,393.00	92.21	2.66	10,467.83	4,111.85	212.11	4,117.32	2.95	1.76	468,101.25	624,474.71
	14,483.00	92.38	0.36	10,464.22	4,201.74	214.48	4,207.21	2.92	2.56	468,191.14	624,477.08
	14,574.00	92.21	0.35	10,460.58	4,292.67	215.04	4,298.05	2.87	0.19	468,282.07	624,477.64
	14,664.00	92.58	359.97	10,456.82	4,382.59	215.29	4,387.87	2.81	0.59	468,371.99	624,477.89
	14,756.00	89.08	359.75	10,455.49	4,474.57	215.07	4,479.73	2.75	3.81	468,463.97	624,477.67
	14,847.00	91.01	0.94	10,455.41	4,565.56	215.62	4,570.65	2.70	2.49	468,554.96	624,478.22
	14,938.00	89.27	0.55	10,455.19	4,656.55	216.80	4,661.59	2.67	1.96	468,645.95	624,479.40
	15,029.00	89.80	0.72	10,455.93	4,747.54	217.81	4,752.53	2.63	0.61	468,736.94	624,480.41
	15,119.00	90.78	359.53	10,455.47	4,837.53	218.01	4,842.44	2.58	1.71	468,826.93	624,480.61
	15,210.00	91.32	358.59	10,453.81	4,928.50	216.51	4,933.26	2.52	1.19	468,917.90	624,479.11
	15,302.00	89.36	359.12	10,453.26	5,020.48	214.67	5,025.07	2.45	2.21	469,009.88	624,477.27
	15,393.00	88.88	358.37	10,454.66	5,111.45	212.88	5,115.87	2.38	0.98	469,100.85	624,475.28
	15,483.00	89.02	358.69	10,456.31	5,201.40	210.37	5,205.65	2.32	0.39	469,190.80	624,472.97
	15,573.00	87.65	359.20	10,458.92	5,291.35	208.72	5,295.46	2.26	1.62	469,280.75	624,471.32
	15,663.00	89.30	358.38	10,461.32	5,381.29	206.82	5,385.26	2.20	2.05	469,370.69	624,469.42
	15,754.00	88.82	357.50	10,462.81	5,472.22	203.55	5,476.00	2.13	1.10	469,461.62	624,466.15
	15,846.00	88.82	356.94	10,464.71	5,564.09	199.09	5,567.65	2.05	0.61	469,553.49	624,461.69
	15,936.00	91.43	359.73	10,464.51	5,654.03	196.47	5,657.45	1.99	4.24	469,643.43	624,459.07
	16,026.00	91.46	359.99	10,462.24	5,744.01	196.25	5,747.36	1.96	0.29	469,733.41	624,458.85
	16,118.00	91.57	359.98	10,459.81	5,835.97	196.23	5,839.27	1.93	0.12	469,825.37	624,458.83
	16,208.00	92.38	0.18	10,456.71	5,925.92	196.35	5,929.17	1.90	0.93	469,915.32	624,458.95
	16,300.00	92.58	359.57	10,452.72	6,017.83	196.15	6,021.03	1.87	0.70	470,007.23	624,458.75
	16,391.00	92.21	359.63	10,448.92	6,108.75	195.52	6,111.88	1.83	0.41	470,098.15	624,458.12

Survey Report Landscape

Company: XTO Energy			Local Co-ordinate Reference: Well RN25-107H - Slot RN25- 107H SHL							
Project: Eddy County, NM (NAD27) NMEZ Grid			TVD Reference: 3074+25 @ 3099.00usft (Tri101)							
Site: Remuda North 25 State 107H,127H,128H,168H			MD Reference: 3074+25 @ 3099.00usft (Tri101)							
Well: RN25-107H			North Reference: Grid							
Wellbore: 107H Lateral			Survey Calculation Method: Minimum Curvature							
Design: 107H Lateral AsDrilled			Database: STRYKER_EDM							
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D/Leg (°/100ft)	Northing (usft)	Easting (usft)
16,483.00	93.98	0.93	10,443.95	6,200.61	195.97	6,203.71	1.81	2.39	470,190.01	624,458.57
16,575.00	91.68	359.82	10,439.41	6,292.49	196.57	6,295.56	1.79	2.78	470,281.89	624,459.17
16,666.00	92.07	359.53	10,436.44	6,383.44	196.05	6,386.45	1.76	0.53	470,372.84	624,458.65
16,756.00	88.43	357.95	10,436.04	6,473.40	194.07	6,476.30	1.72	4.41	470,462.80	624,456.67
16,847.00	87.90	356.39	10,438.96	6,564.24	189.58	6,566.97	1.65	1.81	470,553.64	624,452.18
16,937.00	89.19	356.76	10,441.24	6,654.04	184.21	6,656.59	1.59	1.49	470,643.44	624,446.81
17,027.00	88.35	356.05	10,443.17	6,743.84	178.56	6,746.21	1.52	1.22	470,733.24	624,441.16
17,118.00	88.82	358.24	10,445.42	6,834.70	174.03	6,836.91	1.46	2.46	470,824.10	624,436.63
17,210.00	88.68	358.44	10,447.43	6,926.64	171.37	6,928.76	1.42	0.27	470,916.04	624,433.97
17,302.00	90.59	0.46	10,448.01	7,018.62	170.49	7,020.69	1.39	3.02	471,008.02	624,433.09
17,393.00	91.99	359.57	10,445.97	7,109.60	170.51	7,111.64	1.37	1.82	471,099.00	624,433.11
17,484.00	92.41	0.11	10,442.47	7,200.53	170.26	7,202.54	1.35	0.75	471,189.93	624,432.86
17,574.00	92.16	359.74	10,438.88	7,290.46	170.14	7,292.44	1.34	0.50	471,279.86	624,432.74
17,665.00	91.79	358.34	10,435.75	7,381.39	168.61	7,383.31	1.31	1.59	471,370.79	624,431.21
17,756.00	90.56	359.09	10,433.88	7,472.34	166.57	7,474.20	1.28	1.58	471,461.74	624,429.17
17,846.00	89.36	0.67	10,433.94	7,562.34	166.39	7,564.17	1.26	2.20	471,551.74	624,428.99
17,937.00	89.97	0.75	10,434.48	7,653.33	167.51	7,655.16	1.25	0.68	471,642.73	624,430.11
18,027.00	89.08	0.18	10,435.22	7,743.32	168.24	7,745.15	1.24	1.17	471,732.72	624,430.84
18,118.00	89.97	0.81	10,435.98	7,834.31	169.03	7,836.14	1.24	1.20	471,823.71	624,431.63
18,180.14	90.49	1.42	10,435.72	7,896.44	170.24	7,898.27	1.24	1.29	471,885.84	624,432.84
RN25- 127H LTP_330FNL_336FWL										
18,182.69	90.52	1.44	10,435.70	7,898.99	170.30	7,900.83	1.24	1.29	471,888.39	624,432.90
RN25- 168H LTP_330FNL_660FEL										
18,191.25	90.59	1.53	10,435.62	7,907.55	170.52	7,909.39	1.24	1.29	471,896.95	624,433.12
RN25- 107H LTP_330FNL_440FEL										
18,192.00	90.59	1.53	10,435.61	7,908.30	170.54	7,910.14	1.24	1.29	471,897.70	624,433.14
Wellpath Crosses LTP - RN25- 128H LTP_330FNL_330FEL										

Survey Report Landscape

Company: XTO Energy
 Project: Eddy County, NM (NAD27) NMEZ Grid
 Site: Remuda North 25 State 107H, 127H, 128H, 168H
 Well: RN25-107H
 Wellbore: 107H Lateral
 Design: 107H Lateral AsDrilled

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well RN25-107H - Slot RN25- 107H SHL
 3074+25 @ 3099.00usft (Tr101)
 3074+25 @ 3099.00usft (Tr101)
 Grid
 Minimum Curvature
 STRYKER_EDM

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
	18,208.00	90.73	1.69	10,435.43	7,924.29	170.99	7,926.13	1.24	1.29	471,913.69	624,433.59
	18,251.00	87.84	0.47	10,435.96	7,967.27	171.80	7,969.13	1.24	7.30	471,956.67	624,434.40
	18,300.00	87.84	0.47	10,437.81	8,016.24	172.21	8,018.09	1.23	0.00	472,005.64	624,434.81
221FNL_452FEL - RN25- 168H PBHL_200FNL_660FEL - RN25- 107H BHL - RN25- 127H PBHL_200FNL_336FWL - RN25- 107H PBHL_200FNL_440FEL - RN25- 128H PBHL_200FNL_330FEL											

Design Annotations	Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
	10,534.00	10,392.57	269.61	227.06	Wellpath Crosses Unit Line @ Heel
	10,825.00	10,472.30	547.22	232.86	Wellpath Crosses FTP
	18,192.00	10,435.61	7,908.30	170.54	Wellpath Crosses LTP
	18,300.00	10,437.81	8,016.24	172.21	221FNL_452FEL

Checked By: _____

Approved By: _____

Date: _____

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-44233 30-015-44304		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name REMUDA NORTH 25 STATE 6. Well Number: 107H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO Energy Inc.						9. OGRID 005380				
10. Address of Operator 1604 Holiday Hill Rd, Bldg 5 Midland, TX 79707						11. Pool name or Wildcat PURPLE SAGE; WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	I	25	23S	29E		2380	S	675	E	EDDY
BH:	A	24	23S	29E		221	N	452	E	EDDY
13. Date Spudded 07/06/19		14. Date T.D. Reached 08/03/19		15. Date Rig Released 08/04/19		16. Date Completed (Ready to Produce) 03/31/20		17. Elevations (DF and RKB, RT, GR, etc.) 3072		
18. Total Measured Depth of Well 18300			19. Plug Back Measured Depth 18290		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run RCB/GR/CCL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10921- 18159, Wolfcamp										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
16		75#, J-55		344		20		550 sxs		28 bbls
11 3/4		47#, J-55		3232		14 3/4		1820 sxs		50 bbls
8 5/8		32#, J-55		7268		10 5/8		2220 sxs		31 bbls
5 1/2		20#, P-110		18292		7 7/8		1380 sxs		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2 7/8	9807		10090	
26. Perforation record (interval, size, and number) 10921- 18159, 4 SPF, 862 SHOTS						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10921- 18159		18,169,593 LBS PROPPANT		
								369,295 BBLS FLUID		
28. PRODUCTION										
Date First Production 03/31/20		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) FLOWING				Well Status (<i>Prod. or Shut-in</i>) PRODUCING				
Date of Test 05/06/20	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 544	Gas - MCF 1160	Water - Bbl. 2552	Gas - Oil Ratio			
Flow Tubing Press. 357	Casing Pressure 92	Calculated 24-Hour Rate	Oil - Bbl 544	Gas - MCF 1160	Water - Bbl. 2552	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments C-104, C-102, Directional Survey, RCB/GR/CCL										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD83				
<i>I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief</i>										
Signature			Printed Name		Title			Date		
Cheryl Rowell			Cheryl Rowell		Regulatory Coordinator			05/13/20		
E-mail Address cheryl_rowell@xtoenergy.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 390	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3100	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 3318	T. Morrison	
T. Drinkard	T. Bone Springs 7010	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 10367	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

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

CONDITIONS

Action 12726

CONDITIONS OF APPROVAL

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707	OGRID: 5380	Action Number: 12726	Action Type: C-104C
OCD Reviewer abustamante	Condition None		