

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

State of New Mexico
 Energy, Minerals & Natural Resources

Form C-104
 Revised August 1, 2011

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 ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 5380
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-44233	⁵ Pool Name PURPLE SAGE; WOLF CAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 317790	⁸ Property Name REMUDA SOUTH 25 STATE	⁹ Well Number 127H

II. 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	23S	29E		2379	South	735	East	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	23S	29E		243	North	985	East	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
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III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 6/12/2019	²² Ready Date 3/29/20	²³ TD 18488 MD 10667 TVD	²⁴ PBDT 18486 MD 10667 TVD	²⁵ Perforations 11,108 - 18,357	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
20	16	731	560		
14.75	11.75	3244	1820		
10.625	8.625	7610	2230		
7.875	5.5	18488	1380		

V. Well Test Data

³¹ Date New Oil 3/30/20	³² Gas Delivery Date 4/15/20	³³ Test Date 4/15/20	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1926	³⁶ Csg. Pressure 1276
³⁷ Choke Size	³⁸ Oil 1305	³⁹ Water 3381	⁴⁰ Gas 5254		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: *Cassie Evans*

Printed name: Cassie Evans

Title: Regulatory Analyst

E-mail Address: cassie.evans@exxonmobil.com

Date: 10/27/2021

Phone: 432.218.3671

OIL CONSERVATION DIVISION

Approved by: *PATRICIA MARTINEZ*

Title: *PETROLEUM SPECIALIST*

Approval Date: *11/19/2021*

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 30-015-44233	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 317790	⁵ Property Name REMUDA NORTH 25 STATE	⁶ Well Number 127H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,071'

¹⁰ Surface Location

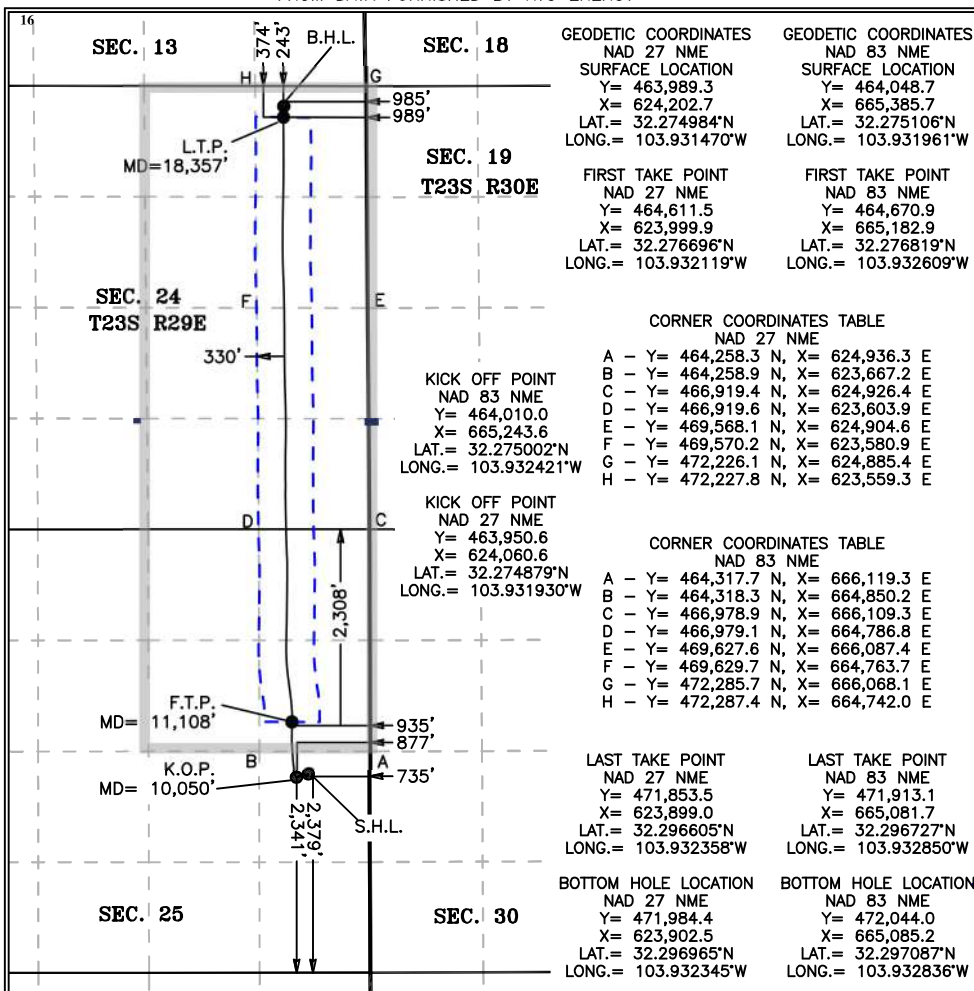
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	25	23 S	29 E		2,379	SOUTH	735	EAST	EDDY

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		243	NORTH	985	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



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 4/8/20
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.

4-8-2020
Date of Survey

Signature and Seal of
Professional Surveyor:



MARK DILLON HARP 23786
Certificate Number

JC 2019010070



November 20, 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 #127H
Purple Sage; Wolfcamp
Eddy County, New Mexico
API# 30-015-44233

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	123ft. to 18,443ft.	06-12-19 to 07-02-19	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 #127H\M191131

STRYKER ENERGY DIRECTIONAL SERVICES, LLC.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163



November 20, 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 June 12, 2019 through July 2, 2019, conduct or supervise the taking of a SEDS MWD Original Hole Survey from a depth of 123feet to a depth of 18,443feet; 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 #127H well, API #30-015-44233 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 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

Searches

Operator Data

Hearing Fee Application

OCD Permitting

Home Searches Wells Well Details

30-015-44233 REMUDA NORTH 25 STATE #127H [317790]

General Well Information

Operator:	[5380] XTO ENERGY, INC	Direction:	Horizontal
Status:	New	Multi-Lateral:	No
Well Type:	Gas	Mineral Owner:	State
Work Type:	New	Surface Owner:	State
Surface Location:	I-25-23S-29E 2379 FSL 735 FEL		
Lat/Long:	32.275106,-103.931961 NAD83		
GL Elevation:	3071	Sing/Mult Compl:	Single
KB Elevation:		Potash Waiver:	False
DF Elevation:			

Proposed Formation and/or Notes

BONE SPRING

Depths

Proposed:	18708	True Vertical Depth:	0
Measured Vertical Depth:	0	Plugback Measured:	0

Formation Tops

Formation	Top	Producing	Method Obtained
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Event Dates

Initial APD Approval:	05/30/2017	Current APD Expiration:	05/31/2020
Most Recent APD Approval:	07/31/2019		
APD Cancellation:			
APD Extension Approval:	06/06/2019	Gas Capture Plan Received:	04/19/2018
Spud:	06/12/2019	TA Expiration:	
Approved Temporary			
Abandonment:		PNR Expiration:	
Shut In:		Last MIT/BHT:	07/03/2019
Plug and Abandoned Intent			
Received:			
Well Plugged:			
Site Release:			
Last Inspection:	07/03/2019		

History

Effective Date	Property	Well Number	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
07/31/2019	[317790] REMUDA NORTH 25 STATE	#127H	[5380] XTO ENERGY, INC	New	Gas	New		
06/01/2017	[325719] REMUDA NORTH 24 STATE	#127H	[5380] XTO ENERGY, INC	New	Gas	New		
05/31/2017	[325719] REMUDA NORTH 24 STATE	#127H	[5380] XTO ENERGY, INC	New	Oil	New		

Survey Report Landscape

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

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H 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 Program		Date	07/08/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
123.00	10,033.00	Survey #1 (127H Lateral)	MWD	OWSG MWD - Standard	
10,079.00	18,443.00	Survey #2 (127H Lateral)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
18,488.00	18,488.00	Survey #3 (127H 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	463,989.30	624,202.70
RN25- 107H SHL - RN25- 127H SHL - RN25- 168H SHL - RS25- 128H SHL - RS25- 167H SHL - RN25- 128H SHL - RS25- 107H SHL - RS25- 908H SHL										
123.00	0.30	245.00	123.00	-0.14	-0.29	0.32	245.00	0.24	463,989.16	624,202.41
217.00	0.40	241.80	217.00	-0.40	-0.80	0.90	243.83	0.11	463,988.90	624,201.90
308.00	0.10	282.20	308.00	-0.53	-1.16	1.28	245.54	0.36	463,988.77	624,201.54
427.00	0.50	213.50	427.00	-0.94	-1.55	1.81	238.77	0.40	463,988.36	624,201.15
525.00	0.60	228.70	524.99	-1.63	-2.17	2.72	233.02	0.18	463,987.67	624,200.53
615.00	0.40	223.20	614.99	-2.17	-2.74	3.50	231.56	0.23	463,987.13	624,199.96
706.00	0.60	222.10	705.98	-2.76	-3.28	4.28	229.90	0.22	463,986.54	624,199.42
796.00	0.70	205.50	795.98	-3.61	-3.83	5.26	226.73	0.24	463,985.69	624,198.67
875.00	0.80	214.10	874.97	-4.50	-4.35	6.26	224.02	0.19	463,984.80	624,198.35
966.00	0.90	212.30	965.96	-5.63	-5.08	7.58	222.10	0.11	463,983.67	624,197.62
1,057.00	1.10	199.00	1,056.95	-7.06	-5.75	9.10	219.17	0.34	463,982.24	624,196.95
1,147.00	1.20	200.80	1,146.93	-8.76	-6.36	10.83	216.01	0.12	463,980.54	624,196.34
1,238.00	1.50	201.70	1,237.90	-10.76	-7.14	12.91	213.58	0.33	463,978.54	624,195.58
1,328.00	1.70	199.00	1,327.87	-13.11	-8.01	15.37	211.42	0.24	463,976.19	624,194.69
1,420.00	2.10	205.60	1,419.82	-15.92	-9.18	18.38	209.97	0.49	463,973.38	624,193.52
1,512.00	1.00	223.00	1,511.78	-18.03	-10.46	20.84	210.12	1.29	463,971.27	624,192.24
1,604.00	0.60	272.50	1,603.78	-18.60	-11.49	21.86	211.70	0.83	463,970.70	624,191.21
1,694.00	0.90	239.30	1,693.77	-18.94	-12.57	22.73	213.57	0.57	463,970.36	624,190.13
1,785.00	1.20	241.80	1,784.75	-19.75	-14.02	24.22	215.37	0.33	463,969.55	624,188.68

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COMPASS 5000.15 Build 91

Survey Report Landscape

Company: XTO Energy Project: Eddy County, NM (NAD27) NMEZ Grid Site: Remuda North 25 State 107H,127H,128H,168H Well: RN25-127H Wellbore: 127H Lateral Design: 127H Lateral (AsDrilled)				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:				Well RN25-127H - Slot RN25- 127H 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)	
1,877.00	1.90	229.80	1,876.72	-21.19	-16.03	26.57	217.11	0.83	463,988.11	624,186.67	
1,967.00	1.70	240.00	1,966.67	-22.82	-18.33	29.27	218.77	0.42	463,986.48	624,184.37	
2,059.00	1.90	341.30	2,058.65	-22.06	-20.00	29.78	222.20	3.03	463,967.24	624,182.70	
2,149.00	2.90	358.70	2,148.57	-18.37	-20.53	27.55	228.18	1.36	463,970.93	624,182.17	
2,239.00	2.40	354.90	2,238.47	-14.22	-20.75	25.15	235.58	0.59	463,975.08	624,181.95	
2,330.00	2.30	351.60	2,329.39	-10.51	-21.19	23.65	243.61	0.18	463,978.79	624,181.51	
2,420.00	1.40	15.60	2,419.35	-7.67	-21.15	22.50	250.08	1.30	463,981.63	624,181.55	
2,511.00	1.40	97.90	2,510.33	-6.75	-19.75	20.88	251.14	2.02	463,982.55	624,182.95	
2,602.00	1.80	101.40	2,601.29	-7.18	-17.25	18.89	247.39	0.45	463,982.12	624,185.45	
2,693.00	2.10	109.90	2,692.24	-8.03	-14.28	16.39	240.64	0.46	463,981.27	624,188.42	
2,784.00	2.20	112.70	2,783.18	-9.28	-11.10	14.47	230.13	0.16	463,980.02	624,191.60	
2,874.00	2.70	118.90	2,873.09	-10.97	-7.65	13.37	214.91	0.63	463,978.33	624,195.05	
2,965.00	1.70	126.10	2,964.03	-12.80	-4.69	13.63	200.12	1.14	463,976.50	624,198.01	
3,055.00	1.10	146.50	3,054.00	-14.31	-3.13	14.64	192.35	0.86	463,974.99	624,199.57	
3,170.00	1.40	139.30	3,168.97	-16.29	-1.61	16.37	185.63	0.29	463,973.01	624,201.09	
3,234.00	1.10	140.60	3,232.96	-17.36	-0.71	17.37	182.33	0.47	463,971.94	624,201.99	
3,326.00	1.50	227.60	3,324.94	-18.85	-1.04	18.88	183.14	1.97	463,970.45	624,201.66	
3,418.00	2.30	248.70	3,416.89	-20.34	-3.64	20.66	190.16	1.14	463,968.96	624,199.08	
3,508.00	2.20	244.20	3,506.82	-21.74	-6.88	22.81	197.56	0.23	463,967.56	624,195.82	
3,598.00	2.20	243.20	3,596.75	-23.27	-9.98	25.32	203.21	0.04	463,966.03	624,192.72	
3,687.00	2.00	257.20	3,685.70	-24.39	-13.02	27.65	208.09	0.62	463,964.91	624,189.68	
3,777.00	1.80	268.60	3,775.65	-24.77	-15.96	29.47	212.80	0.47	463,964.53	624,186.74	
3,868.00	2.00	266.20	3,866.60	-24.91	-18.98	31.32	217.30	0.24	463,964.39	624,183.72	
3,959.00	2.00	265.60	3,957.54	-25.14	-22.14	33.50	221.38	0.02	463,964.16	624,180.56	
4,051.00	2.10	270.70	4,049.48	-25.24	-25.43	35.83	225.21	0.23	463,964.06	624,177.27	
4,141.00	2.90	306.00	4,139.40	-23.88	-28.92	37.51	230.45	1.89	463,965.42	624,173.78	
4,231.00	2.90	308.70	4,229.29	-21.12	-32.54	38.79	237.01	0.15	463,968.18	624,170.16	

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COMPASS 5000.15 Build 91

Survey Report Landscape

Company: XTO Energy Project: Eddy County, NM (NAD27) NMEZ Grid Site: Remuda North 25 State 107H, 127H, 128H, 168H Well: RN25-127H Wellbore: 127H Lateral Design: 127H Lateral (AsDrilled)				Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:				Well RN25-127H - Slot RN25- 127H 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)	
4,322.00	2.90	306.20	4,320.17	-18.32	-36.19	40.57	243.15	0.14	463,970.98	624,166.51	
4,412.00	2.80	306.80	4,410.06	-15.66	-39.79	42.76	248.52	0.12	463,973.64	624,162.91	
4,503.00	3.00	307.70	4,500.94	-12.87	-43.46	45.32	253.50	0.23	463,976.43	624,159.24	
4,594.00	3.00	301.90	4,591.82	-10.16	-47.36	48.44	257.89	0.33	463,979.14	624,155.34	
4,685.00	3.10	304.90	4,682.69	-7.49	-51.40	51.94	261.71	0.21	463,981.81	624,151.30	
4,774.00	1.30	336.10	4,771.82	-5.19	-53.78	54.03	264.49	2.36	463,984.11	624,148.92	
4,864.00	1.20	331.30	4,861.60	-3.43	-54.65	54.76	266.41	0.16	463,985.87	624,148.05	
4,956.00	1.10	331.10	4,953.58	-1.81	-55.54	55.57	268.13	0.11	463,987.49	624,147.16	
5,046.00	1.10	332.70	5,042.56	-0.31	-56.34	56.35	269.09	0.03	463,988.99	624,146.36	
5,135.00	1.20	334.00	5,132.55	1.31	-57.15	57.17	271.31	0.11	463,990.61	624,145.55	
5,226.00	1.10	334.00	5,223.53	2.95	-57.95	58.03	272.91	0.11	463,992.25	624,144.75	
5,317.00	1.10	335.00	5,314.51	4.53	-58.71	58.88	274.41	0.02	463,993.83	624,143.99	
5,407.00	1.10	334.20	5,404.49	6.09	-59.45	59.76	275.85	0.02	463,995.39	624,143.25	
5,497.00	1.10	328.10	5,494.48	7.60	-60.28	60.76	277.18	0.13	463,996.90	624,142.42	
5,588.00	0.90	327.00	5,585.46	8.94	-61.13	61.78	278.32	0.22	463,998.24	624,141.57	
5,677.00	0.90	321.30	5,674.45	10.07	-61.95	62.76	279.23	0.10	463,999.37	624,140.75	
5,767.00	0.80	327.70	5,764.44	11.15	-62.73	63.71	280.08	0.15	464,000.45	624,139.97	
5,859.00	0.90	333.80	5,856.43	12.35	-63.39	64.58	281.02	0.15	464,001.85	624,139.31	
5,949.00	0.80	331.40	5,946.42	13.53	-64.00	65.42	281.94	0.12	464,002.83	624,138.70	
6,041.00	0.80	317.50	6,038.41	14.57	-64.74	66.36	282.68	0.21	464,003.87	624,137.98	
6,131.00	0.70	237.70	6,128.41	14.74	-65.63	67.27	282.66	1.07	464,004.04	624,137.07	
6,222.00	1.30	203.20	6,219.40	13.49	-66.51	67.86	281.47	0.91	464,002.79	624,136.19	
6,312.00	1.40	204.10	6,309.37	11.55	-67.36	68.34	279.73	0.11	464,000.85	624,135.34	
6,403.00	1.30	201.60	6,400.34	9.58	-68.19	68.86	277.99	0.13	463,998.88	624,134.51	
6,494.00	2.00	215.70	6,491.31	7.33	-69.50	69.88	276.02	0.88	463,996.63	624,133.20	
6,584.00	2.50	230.60	6,581.24	4.80	-71.93	72.09	273.82	0.85	463,994.10	624,130.77	
6,676.00	2.40	228.00	6,673.15	2.24	-74.92	74.95	271.71	0.16	463,991.54	624,127.78	

Survey Report Landscape

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

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H 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 (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
6,768.00	2.20	230.90	6,765.08	-0.16	-77.72	77.72	269.88	0.25	463,989.14	624,124.98
6,859.00	2.30	230.30	6,856.01	-2.43	-80.48	80.51	268.27	0.11	463,986.87	624,122.22
6,948.00	2.30	229.40	6,944.94	-4.73	-83.21	83.34	266.75	0.04	463,984.57	624,119.49
7,039.00	2.20	222.20	7,035.87	-7.21	-85.77	86.07	265.19	0.33	463,982.09	624,116.93
7,130.00	1.90	219.00	7,126.81	-9.68	-87.89	88.42	263.72	0.35	463,979.62	624,114.81
7,220.00	1.90	215.70	7,216.76	-12.05	-89.70	90.51	262.35	0.12	463,977.25	624,113.00
7,312.00	1.90	204.60	7,308.71	-14.68	-91.22	92.40	260.86	0.40	463,974.62	624,111.48
7,402.00	1.80	220.00	7,398.66	-17.12	-92.75	94.32	259.55	0.56	463,972.18	624,109.95
7,494.00	2.40	237.60	7,490.60	-19.25	-95.31	97.23	258.56	0.95	463,970.09	624,107.39
7,538.00	2.70	236.60	7,534.56	-20.32	-96.95	99.06	258.16	0.69	463,968.98	624,105.75
7,662.00	2.10	227.20	7,658.45	-23.47	-101.06	103.75	256.93	0.59	463,965.83	624,101.64
7,753.00	1.80	270.80	7,749.40	-24.58	-103.71	106.58	256.66	1.62	463,964.72	624,098.99
7,844.00	1.90	252.60	7,840.36	-25.01	-106.58	109.47	256.79	0.65	463,964.29	624,096.12
7,936.00	1.80	228.00	7,932.31	-26.44	-109.11	112.26	256.38	0.86	463,962.86	624,093.59
8,027.00	0.70	302.40	8,023.29	-27.10	-110.64	113.91	256.24	1.92	463,962.20	624,092.06
8,117.00	0.40	277.10	8,113.29	-26.76	-111.42	114.58	256.49	0.42	463,962.54	624,091.28
8,207.00	0.40	242.50	8,203.28	-26.87	-112.01	115.18	256.51	0.26	463,962.43	624,090.69
8,299.00	0.40	215.90	8,295.28	-27.28	-112.48	115.74	256.37	0.20	463,962.02	624,090.22
8,391.00	0.50	239.00	8,387.28	-27.74	-113.01	116.37	256.21	0.22	463,961.56	624,089.69
8,482.00	0.90	0.60	8,478.27	-27.23	-113.34	116.57	256.49	1.36	463,962.07	624,089.36
8,574.00	0.70	47.50	8,570.27	-26.13	-112.92	115.91	256.97	0.72	463,963.17	624,089.78
8,666.00	1.90	253.10	8,662.25	-26.20	-113.97	116.94	257.06	2.77	463,963.10	624,088.73
8,758.00	2.10	248.60	8,754.20	-27.25	-117.00	120.13	256.89	0.28	463,962.05	624,085.70
8,849.00	1.40	221.70	8,845.16	-28.69	-119.29	122.69	256.48	1.17	463,960.61	624,083.41
8,940.00	1.80	184.00	8,936.12	-30.95	-120.13	124.05	255.55	1.21	463,958.35	624,082.57
9,031.00	2.30	178.30	9,027.06	-34.20	-120.17	124.94	254.11	0.59	463,955.10	624,082.53
9,121.00	1.20	229.70	9,117.03	-36.61	-120.84	126.26	253.14	2.01	463,952.69	624,081.86

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COMPASS 5000.15 Build 91

Survey Report Landscape

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

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H SHL
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 MD Reference: 3074+25 @ 3099.00usft (Tri101)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: STRYKER_EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
9,212.00	2.30	297.30	9,207.99	-36.39	-123.19	128.45	253.54	2.36	463,952.91	624,079.51
9,304.00	2.50	301.00	9,299.91	-34.51	-126.55	131.17	254.75	0.27	463,954.79	624,076.15
9,394.00	1.80	272.50	9,389.85	-33.44	-129.64	133.89	255.54	1.40	463,955.86	624,073.06
9,487.00	2.20	239.90	9,482.79	-34.27	-132.65	137.00	255.51	1.28	463,955.03	624,070.05
9,578.00	2.00	248.80	9,573.73	-35.72	-135.64	140.26	255.25	0.42	463,953.56	624,067.06
9,671.00	1.60	275.20	9,666.69	-36.19	-138.44	143.10	255.35	0.98	463,953.11	624,064.26
9,762.00	1.60	230.80	9,757.66	-36.88	-140.69	145.45	255.31	1.33	463,952.42	624,062.01
9,852.00	0.80	230.20	9,847.64	-38.07	-142.15	147.16	255.01	0.89	463,951.23	624,060.55
9,943.00	0.20	89.40	9,938.63	-38.48	-142.48	147.58	254.89	1.08	463,950.62	624,060.22
9,998.00	0.30	101.70	9,993.63	-38.51	-142.24	147.36	254.85	0.21	463,950.79	624,060.46
10,033.00	0.10	158.40	10,028.63	-38.55	-142.14	147.28	254.82	0.74	463,950.75	624,060.56
10,079.00	1.20	175.82	10,074.83	-39.07	-142.09	147.37	254.62	2.40	463,950.23	624,060.61
10,124.00	4.09	287.53	10,119.59	-39.06	-143.59	148.81	254.78	10.37	463,950.24	624,059.11
RS25- 908H LTP_330FSL_330FEL - RS25- 107H LTP_330FSL_557FWL										
10,169.00	7.65	325.56	10,164.36	-36.10	-146.81	151.19	256.18	11.31	463,953.20	624,055.89
10,205.76	11.80	333.56	10,200.59	-30.72	-149.87	152.99	258.42	11.84	463,958.58	624,052.63
RS25- 128H LTP_330FSL_530FEL										
10,215.00	12.86	334.76	10,209.62	-28.94	-150.73	153.49	259.13	11.84	463,960.36	624,051.97
RS25- 167H LTP_330FSL_337FWL										
10,242.58	16.14	331.19	10,236.29	-22.81	-153.89	155.57	261.57	12.34	463,966.49	624,048.81
RS25- 908H FTP_330FNL_330FEL										
10,260.00	18.24	329.58	10,252.95	-18.33	-156.44	157.51	263.32	12.34	463,970.97	624,046.26
10,305.00	23.10	332.93	10,295.05	-4.39	-164.03	164.08	266.47	11.11	463,984.91	624,038.67
10,351.00	25.49	344.47	10,336.99	13.20	-170.79	171.30	274.42	11.53	464,002.50	624,031.91
10,395.00	28.22	352.27	10,376.26	32.64	-174.72	177.74	280.58	10.12	464,021.94	624,027.98
10,425.49	30.69	353.52	10,402.81	47.51	-176.57	182.85	285.06	8.35	464,036.81	624,026.13
RS25- 107H FTP_330FNL_506FWL										
10,440.00	31.87	354.05	10,415.20	55.00	-177.39	185.72	287.23	8.35	464,044.30	624,025.31

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COMPASS 5000.15 Build 91

Survey Report Landscape

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

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H 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

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
10,486.00	36.47	352.48	10,453.25	80.65	-180.44	197.64	294.08	10.18	464,069.95	624,022.26
10,576.00	44.85	354.59	10,521.47	138.87	-186.94	232.88	306.61	9.43	464,128.17	624,015.76
10,668.00	53.26	355.51	10,581.71	208.04	-192.90	283.71	317.16	9.17	464,197.34	624,009.80
10,742.00	60.26	354.54	10,622.24	269.66	-198.28	334.71	323.67	9.53	464,258.96	624,004.42
Wellpath Crosses Unit Line @ Heel										
10,758.00	61.78	354.35	10,629.99	283.59	-199.64	346.81	324.86	9.53	464,272.89	624,003.06
RS25- 167H FTP_329FNL_286FWL - RS25- 128H FTP_329FNL_530FEL										
10,849.00	73.23	359.88	10,664.78	367.39	-203.69	420.07	330.99	13.77	464,356.69	623,999.01
10,939.00	77.00	0.51	10,687.89	454.35	-203.39	497.80	335.88	4.24	464,443.66	623,999.31
10,956.99	78.82	0.39	10,691.66	471.94	-203.25	513.85	336.70	10.16	464,461.24	623,999.45
RN25- 107H LP										
11,007.93	83.99	0.07	10,699.27	522.29	-203.05	560.37	338.76	10.16	464,511.59	623,999.65
RN25- 107H FTP_281FSL_440FEL										
11,031.00	86.33	359.92	10,701.21	545.28	-203.05	581.86	339.58	10.16	464,534.58	623,999.65
11,033.33	86.44	359.93	10,701.36	547.60	-203.06	584.04	339.65	4.57	464,538.90	623,999.64
RN25- 128H FTP_281FSL_330FEL										
11,035.83	86.55	359.95	10,701.51	550.09	-203.06	586.38	339.74	4.57	464,539.39	623,999.64
RN25- 127H FTP_281FSL_286FWL - RN25- 168H FTP_251FSL_614FWL										
11,120.00	90.36	0.48	10,703.78	634.22	-202.74	685.84	342.27	4.57	464,623.52	623,999.96
11,212.00	90.87	359.84	10,702.80	726.21	-202.49	753.91	344.42	0.89	464,715.51	624,000.21
11,303.00	90.64	357.49	10,701.60	817.17	-204.61	842.40	345.94	2.59	464,806.47	623,998.09
11,306.00	90.60	357.31	10,701.56	820.17	-204.74	845.34	345.98	6.30	464,809.47	623,997.96
Wellpath Crosses FTP										
11,394.00	89.36	351.90	10,701.60	907.75	-213.02	932.41	346.79	6.30	464,897.05	623,989.68
11,485.00	88.21	349.33	10,703.53	997.50	-227.85	1,023.19	347.13	3.09	464,986.80	623,974.85
11,577.00	89.83	351.94	10,705.10	1,086.25	-242.82	1,115.01	347.42	3.34	465,077.55	623,959.88
11,669.00	90.73	355.12	10,704.65	1,179.65	-253.18	1,206.51	347.89	3.59	465,168.95	623,949.52
11,760.00	90.70	355.28	10,703.51	1,270.32	-260.80	1,296.82	348.40	0.18	465,259.62	623,941.90

Survey Report Landscape

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

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H SHL
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 MD Reference: 3074+25 @ 3099.00usft (Tri101)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: STRYKER_EDM

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
11,850.00	91.51	356.25	10,701.78	1,360.06	-267.44	1,386.10	348.88	1.40	465,349.36	623,935.26
11,943.00	91.23	359.73	10,699.58	1,452.96	-270.70	1,477.96	349.45	3.75	465,442.26	623,932.00
12,035.00	91.71	0.49	10,697.19	1,544.93	-270.52	1,568.44	350.07	0.98	465,534.23	623,932.18
12,127.00	91.96	0.85	10,694.25	1,636.88	-269.45	1,658.90	350.65	0.48	465,626.18	623,933.25
12,219.00	91.60	1.91	10,691.39	1,728.80	-267.23	1,749.34	351.21	1.22	465,718.10	623,935.47
12,309.00	90.36	0.95	10,689.85	1,818.76	-264.99	1,837.96	351.71	1.74	465,808.06	623,937.71
12,399.00	90.11	0.73	10,689.48	1,908.75	-263.67	1,926.87	352.14	0.37	465,898.05	623,939.03
12,488.00	90.39	0.41	10,689.09	1,997.74	-262.78	2,014.95	352.51	0.48	465,987.04	623,939.92
12,580.00	90.82	0.36	10,688.28	2,089.74	-262.17	2,106.12	352.85	0.26	466,079.04	623,940.53
12,671.00	90.22	0.96	10,687.62	2,180.73	-261.12	2,198.31	353.17	0.79	466,170.03	623,941.58
12,761.00	89.78	0.18	10,687.62	2,270.72	-260.22	2,285.58	353.46	1.00	466,260.02	623,942.48
12,851.00	88.82	0.29	10,688.72	2,360.71	-259.85	2,374.97	353.72	1.07	466,350.01	623,942.85
12,942.00	88.15	0.38	10,691.12	2,451.68	-259.32	2,465.36	353.96	0.74	466,440.98	623,943.38
13,033.00	88.12	358.59	10,694.08	2,542.62	-260.14	2,555.90	354.16	1.97	466,531.92	623,942.58
13,123.00	90.39	357.50	10,695.25	2,632.56	-263.21	2,645.68	354.29	2.80	466,621.86	623,939.49
13,214.00	89.92	357.49	10,695.01	2,723.47	-267.19	2,738.54	354.40	0.52	466,712.77	623,935.51
13,306.00	91.74	358.73	10,693.68	2,815.40	-270.22	2,828.34	354.52	2.39	466,804.70	623,932.48
13,398.00	92.27	358.69	10,690.46	2,907.32	-272.29	2,920.05	354.65	0.58	466,896.62	623,930.41
13,488.00	90.76	359.18	10,688.08	2,997.27	-273.96	3,009.77	354.78	1.76	466,986.57	623,928.74
13,579.00	90.17	359.07	10,687.34	3,088.26	-275.35	3,100.51	354.90	0.66	467,077.56	623,927.35
13,670.00	89.63	357.65	10,688.29	3,179.21	-277.96	3,191.34	355.00	2.30	467,168.51	623,924.74
13,762.00	90.98	359.98	10,688.60	3,271.18	-279.86	3,283.13	355.11	3.60	467,260.46	623,922.84
13,852.00	90.76	0.36	10,687.24	3,361.17	-279.59	3,372.78	355.24	0.49	467,350.47	623,923.11
13,943.00	89.55	0.05	10,686.99	3,452.17	-279.27	3,463.44	355.38	1.37	467,441.47	623,923.43
14,035.00	88.91	359.23	10,688.23	3,544.16	-279.84	3,555.19	355.49	1.13	467,533.46	623,922.86
14,125.00	90.28	359.75	10,688.86	3,634.15	-280.84	3,644.97	355.58	1.63	467,623.45	623,922.06
14,216.00	92.05	0.14	10,687.01	3,725.12	-280.73	3,735.69	355.69	1.99	467,714.42	623,921.97

Survey Report Landscape

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MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
14,307.00	91.99	0.98	10,683.81	3,816.06	-279.84	3,826.31	355.81	0.92	467,805.36	623,922.86
14,397.00	92.44	1.03	10,680.33	3,905.98	-279.27	3,915.88	355.93	0.50	467,895.28	623,924.43
14,487.00	92.07	0.48	10,676.79	3,995.90	-277.08	4,005.50	356.03	0.74	467,985.20	623,925.62
14,578.00	91.57	0.50	10,673.90	4,086.85	-276.30	4,096.18	356.13	0.55	468,076.15	623,926.40
14,668.00	91.04	0.29	10,671.85	4,176.83	-275.69	4,185.92	356.22	0.64	468,166.13	623,927.01
14,760.00	89.33	359.57	10,671.55	4,268.82	-275.81	4,277.72	356.30	2.01	468,258.12	623,926.89
14,851.00	88.18	357.85	10,673.53	4,359.77	-277.96	4,368.62	356.35	2.27	468,349.07	623,924.84
14,941.00	89.92	358.47	10,675.02	4,449.71	-280.75	4,458.56	356.39	2.05	468,439.01	623,921.95
15,033.00	90.39	358.49	10,674.77	4,541.69	-283.10	4,550.50	356.43	0.51	468,530.98	623,919.51
15,123.00	90.14	358.55	10,674.35	4,631.65	-285.51	4,640.44	356.47	0.29	468,620.95	623,917.19
15,214.00	90.76	358.30	10,673.64	4,722.61	-288.01	4,731.38	356.51	0.73	468,711.91	623,914.69
15,306.00	91.34	358.56	10,671.95	4,814.56	-290.53	4,823.32	356.55	0.69	468,803.86	623,912.17
15,396.00	92.69	359.61	10,668.79	4,904.49	-291.97	4,913.17	356.59	1.90	468,893.79	623,910.73
15,487.00	91.34	0.39	10,665.59	4,995.43	-291.97	5,003.95	356.66	1.71	468,984.73	623,910.73
15,577.00	91.40	359.69	10,663.44	5,085.40	-291.91	5,093.77	356.71	0.78	469,074.70	623,910.79
15,667.00	90.00	359.75	10,662.34	5,175.39	-292.35	5,183.64	356.77	1.56	469,164.69	623,910.35
15,758.00	90.48	0.10	10,661.96	5,266.39	-292.47	5,274.51	356.82	0.65	469,255.69	623,910.23
15,849.00	88.94	359.67	10,662.42	5,357.39	-292.65	5,365.37	356.87	1.76	469,346.69	623,910.05
15,939.00	88.77	359.19	10,664.22	5,447.36	-293.54	5,455.27	356.92	0.57	469,436.66	623,909.16
16,029.00	88.71	359.03	10,666.20	5,537.33	-294.94	5,545.18	356.95	0.19	469,526.63	623,907.78
16,122.00	88.80	359.12	10,668.22	5,630.30	-296.44	5,638.10	356.99	0.14	469,619.60	623,906.26
16,212.00	89.13	358.80	10,669.84	5,720.27	-298.08	5,728.03	357.02	0.51	469,709.57	623,904.62
16,304.00	89.94	358.25	10,670.59	5,812.23	-300.44	5,819.99	357.04	1.06	469,801.53	623,902.26
16,395.00	90.00	357.87	10,670.64	5,903.18	-303.52	5,910.98	357.06	0.42	469,892.48	623,899.18
16,487.00	90.00	357.39	10,670.64	5,995.10	-307.33	6,002.97	357.07	0.52	469,984.40	623,895.37
16,579.00	90.53	358.68	10,670.21	6,087.05	-310.48	6,094.96	357.08	1.52	470,076.35	623,892.22
16,670.00	90.87	358.28	10,669.10	6,178.01	-312.90	6,185.92	357.10	0.58	470,167.31	623,889.60

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COMPASS 5000.15 Build 91

Survey Report Landscape

Company:	XTO Energy					Local Co-ordinate Reference:		Well RN25-127H - Slot RN25- 127H 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:	RN25-127H					North Reference:		Grid			
Wellbore:	127H Lateral					Survey Calculation Method:		Minimum Curvature			
Design:	127H Lateral (AsDrilled)					Database:		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)	
16,760.00	90.95	0.86	10,667.67	6,267.98	-313.57	6,275.82	357.14	2.87	470,257.28	623,889.13	
16,851.00	91.04	0.64	10,666.09	6,358.96	-312.38	6,366.63	357.19	0.26	470,348.26	623,890.32	
16,941.00	91.04	359.91	10,664.46	6,448.95	-311.95	6,456.49	357.23	0.81	470,438.25	623,890.75	
17,032.00	91.65	359.88	10,662.32	6,539.92	-312.12	6,547.36	357.27	0.67	470,529.22	623,890.58	
17,123.00	91.88	359.80	10,659.52	6,630.88	-312.37	6,638.23	357.30	0.27	470,620.18	623,890.33	
17,214.00	93.56	0.73	10,655.20	6,721.77	-311.95	6,729.00	357.34	2.11	470,711.07	623,890.75	
17,306.00	91.51	2.19	10,651.13	6,813.64	-309.61	6,820.67	357.40	2.73	470,802.94	623,893.09	
17,397.00	89.92	1.06	10,649.99	6,904.59	-307.03	6,911.42	357.45	2.14	470,893.89	623,895.67	
17,489.00	90.36	0.46	10,646.77	6,996.59	-306.01	7,003.27	357.50	0.81	470,985.89	623,896.89	
17,578.00	88.51	0.91	10,650.85	7,085.57	-304.74	7,092.12	357.54	2.14	471,074.87	623,897.96	
17,669.00	88.01	0.15	10,653.41	7,176.52	-303.90	7,182.96	357.58	1.00	471,165.82	623,898.80	
17,760.00	88.43	0.59	10,656.24	7,267.48	-303.32	7,273.80	357.61	0.67	471,256.78	623,899.38	
17,850.00	88.79	0.65	10,658.42	7,357.45	-302.34	7,363.65	357.65	0.41	471,346.75	623,900.36	
17,941.00	87.76	359.70	10,661.16	7,448.40	-302.06	7,454.52	357.68	1.54	471,437.70	623,900.64	
18,031.00	86.83	358.55	10,665.41	7,538.29	-303.44	7,544.39	357.69	1.64	471,527.59	623,899.26	
18,122.00	88.74	359.53	10,668.92	7,629.20	-304.96	7,635.29	357.71	2.36	471,618.50	623,897.74	
18,213.00	89.64	359.85	10,670.21	7,720.19	-305.45	7,726.23	357.73	1.05	471,709.49	623,897.25	
18,302.00	90.59	0.99	10,670.03	7,809.19	-304.80	7,815.13	357.76	1.67	471,798.49	623,897.90	
18,392.00	91.12	1.22	10,668.69	7,899.16	-303.06	7,904.97	357.80	0.64	471,888.46	623,899.64	
18,393.87	91.15	1.24	10,668.65	7,901.02	-303.02	7,906.83	357.80	2.26	471,890.32	623,899.68	
RN25- 168H LTP_330FNL_660FEL											
18,400.63	91.28	1.33	10,668.51	7,907.78	-302.87	7,913.58	357.81	2.26	471,897.08	623,899.83	
RN25- 127H LTP_330FNL_336FWL											
18,402.00	91.31	1.35	10,668.48	7,909.15	-302.84	7,914.95	357.81	2.26	471,898.45	623,899.86	
Wellpath Crosses LTP											
18,419.24	91.63	1.57	10,668.03	7,926.39	-302.40	7,932.15	357.82	2.26	471,915.69	623,900.30	
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: RN25-127H
 Wellbore: 127H Lateral
 Design: 127H Lateral (AsDrilled)

Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H 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

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
18,423.75	91.71	1.62	10,667.90	7,930.89	-302.28	7,936.65	357.82	2.26	471,920.19	623,900.42
RN25- 107H LTP_330FNL_440FEL										
18,443.00	92.07	1.87	10,667.27	7,950.12	-301.69	7,955.84	357.83	2.26	471,939.42	623,901.01
18,488.00	92.07	1.87	10,665.64	7,995.07	-300.22	8,000.70	357.85	0.00	471,984.37	623,902.48
TD @ 234FNL,341FWL - RN25- 168H PBHL_200FNL_660FEL - RN25- 127H 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		Comment
		+N/-S (usft)	+E/-W (usft)	
10,742.00	10,622.24	289.66	-198.28	Wellpath Crosses Unit Line @ Heel
11,306.00	10,701.56	820.17	-204.74	Wellpath Crosses FTP
18,402.00	10,668.48	7,909.15	-302.84	Wellpath Crosses LTP
18,488.00	10,665.64	7,995.07	-300.22	TD @ 234FNL,341FWL

Checked By: _____ Approved By: _____ Date: _____

XTO Energy

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

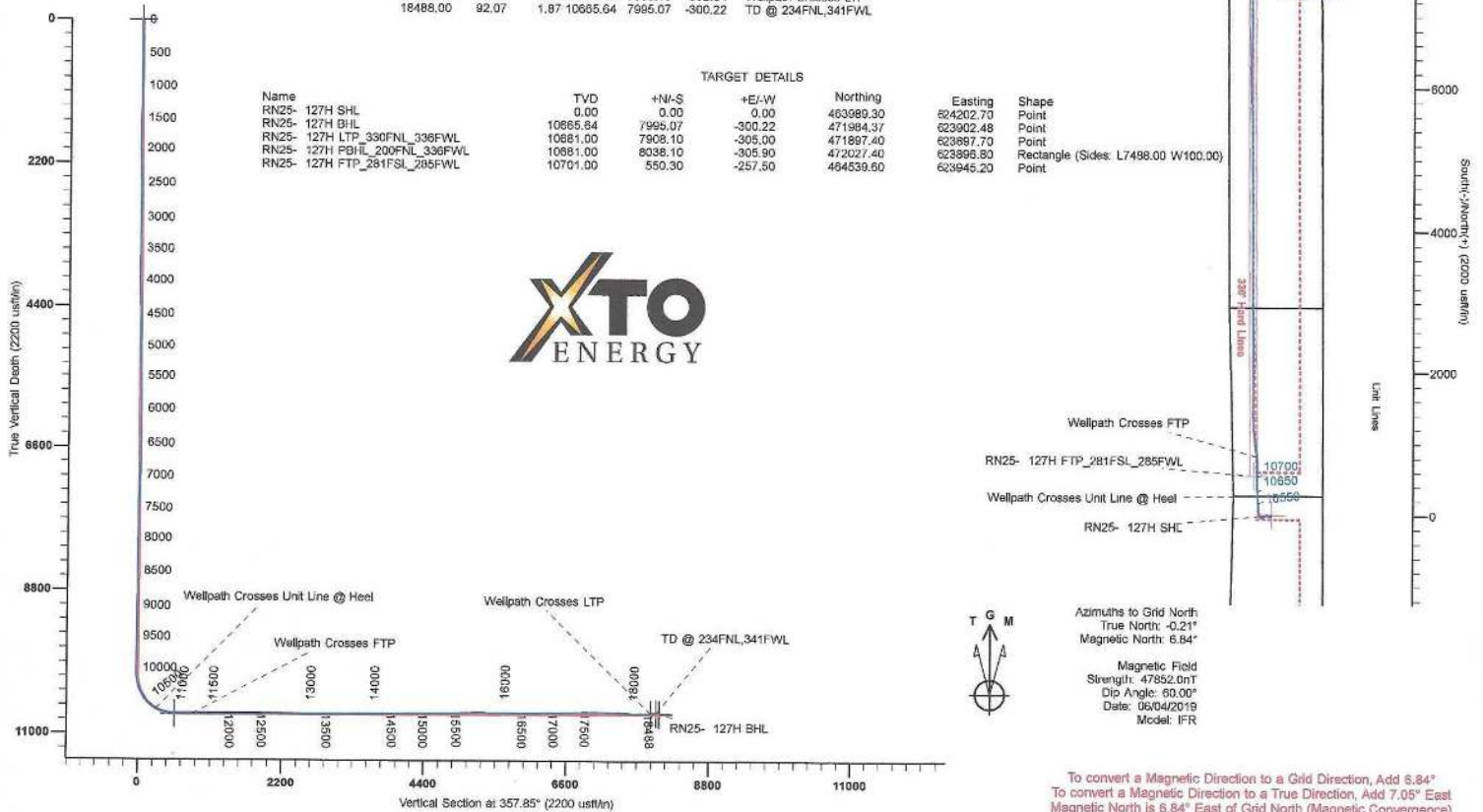
3074+25 @ 3099.00usft (Tr101)
 NAD 1927 (NADCON CONUS)

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
10742.00	60.26	354.54	10622.24	269.66	-198.28	Wellpath Crosses Unit Line @ Heel
11306.00	90.60	357.31	10701.56	620.17	-204.74	Wellpath Crosses FTP
16462.00	91.31	1.35	10669.48	7909.15	-302.84	Wellpath Crosses LTP
16468.00	92.07	1.87	10665.64	7995.07	-300.22	TD @ 234FNL,341FWL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RN25- 127H SHL	0.00	0.00	0.00	463989.30	624202.70	Point
RN25- 127H BHL	10665.64	7995.07	-300.22	471984.37	623902.48	Point
RN25- 127H LTP 336FNL_336FWL	10661.00	7908.10	-305.00	471897.40	623897.70	Point
RN25- 127H PSHL 200FNL_336FWL	10661.00	8038.10	-305.90	472027.40	623896.80	Rectangle (Sides: L7498.00 W100.00)
RN25- 127H FTP_281FSL_285FWL	10701.00	550.30	-257.50	464539.60	623946.20	Point



Azimuths to Grid North
 True North: -0.21°
 Magnetic North: 6.84°
 Magnetic Field
 Strength: 47852.0nT
 Dip Angle: 60.00°
 Date: 06/04/2019
 Model: IFR

To convert a Magnetic Direction to a Grid Direction, Add 6.84°
 To convert a Magnetic Direction to a True Direction, Add 7.05° East
 Magnetic North is 6.84° East of Grid North (Magnetic Convergence)
 Magnetic North is 7.05° East of True North (Magnetic Declination)

Design: 127H Lateral (AsDrilled) (RN25-127H/127H Lateral)
 Created By: Mekka Williams
 eSomina Well Design
 mekka@esominawelldesign.com
 15:58, July 08 2019

STRYKER DIRECTIONAL
 6701 FM 307
 Midland, Texas 79706 - 432-687-1121

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Survey Report Landscape

Company: XTO Energy				Local Co-ordinate Reference:		Well RN25-127H - Slot RN25- 127H 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:	RN25-127H			North Reference:		Grid	
Wellbore:	127H Lateral			Survey Calculation Method:		Minimum Curvature	
Design:	127H Lateral (AsDrilled)			Database:		STRYKER_EDM	
Project		Eddy County, NM (NAD27) NMEZ Grid					
Map System:		US State Plane 1927 (Exact solution)			System Datum:		Mean Sea Level
Geo Datum:		NAD 1927 (NADCON CONUS)					
Map Zone:		New Mexico East 3001					
Site		Remuda North 25 State 107H,127H,128H,168H					
Site Position:		Northing:		464,640.10 usft		Latitude: 32° 16' 36.38172028 N	
From:	Map	Easting:		624,230.00 usft		Longitude: 103° 55' 52.94589453 W	
Position Uncertainty:		0.00 usft		Slot Radius:		13.20 in	
				Grid Convergence:		0.21 °	
Well		RN25-127H - Slot RN25- 127H SHL					
Well Position		+N/-S	0.00 usft		Northing:		463,989.30 usft
		+E/-W	0.00 usft		Easting:		624,202.70 usft
Position Uncertainty		0.00 usft		Wellhead Elevation:		usft	
Wellbore		127H Lateral					
Magnetics		Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)	
		IFR	06/04/19	7.05	60.00	47,852.00000000	
Design		127H Lateral (AsDrilled)					
Audit Notes:							
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00		
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)		
		0.00	0.00	0.00	357.85		

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	STRYKER_EDM

Survey Program		Date	07/08/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
123.00	10,033.00	Survey #1 (127H Lateral)	MWD	OWSG MWD - Standard	
10,079.00	18,443.00	Survey #2 (127H Lateral)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
18,488.00	18,488.00	Survey #3 (127H Lateral)	Projection	Projection	

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	463,989.30	624,202.70
RN25- 107H SHL - RN25- 127H SHL - RN25- 168H SHL - RS25- 128H SHL - RS25- 167H SHL - RN25- 128H SHL - RS25- 107H SHL - RS25- 908H SHL											
123.00	0.30	245.00	123.00	-0.14	-0.29	0.32	245.00	0.24	463,989.16	624,202.41	
217.00	0.40	241.80	217.00	-0.40	-0.80	0.90	243.83	0.11	463,988.90	624,201.90	
308.00	0.10	282.20	308.00	-0.53	-1.16	1.28	245.54	0.36	463,988.77	624,201.54	
427.00	0.50	213.50	427.00	-0.94	-1.55	1.81	238.77	0.40	463,988.36	624,201.15	
525.00	0.60	228.70	524.99	-1.63	-2.17	2.72	233.02	0.18	463,987.67	624,200.53	
615.00	0.40	223.20	614.99	-2.17	-2.74	3.50	231.56	0.23	463,987.13	624,199.96	
706.00	0.60	222.10	705.98	-2.76	-3.28	4.28	229.90	0.22	463,986.54	624,199.42	
796.00	0.70	205.50	795.98	-3.61	-3.83	5.26	226.73	0.24	463,985.69	624,198.87	
875.00	0.80	214.10	874.97	-4.50	-4.35	6.26	224.02	0.19	463,984.80	624,198.35	
966.00	0.90	212.30	965.96	-5.63	-5.08	7.58	222.10	0.11	463,983.67	624,197.62	
1,057.00	1.10	199.00	1,056.95	-7.06	-5.75	9.10	219.17	0.34	463,982.24	624,196.95	
1,147.00	1.20	200.60	1,146.93	-8.76	-6.36	10.83	216.01	0.12	463,980.54	624,196.34	
1,238.00	1.50	201.70	1,237.90	-10.76	-7.14	12.91	213.58	0.33	463,978.54	624,195.56	
1,328.00	1.70	199.00	1,327.87	-13.11	-8.01	15.37	211.42	0.24	463,976.19	624,194.69	
1,420.00	2.10	205.60	1,419.82	-15.92	-9.18	18.38	209.97	0.49	463,973.38	624,193.52	
1,512.00	1.00	223.00	1,511.78	-18.03	-10.46	20.84	210.12	1.29	463,971.27	624,192.24	
1,604.00	0.60	272.50	1,603.78	-18.60	-11.49	21.86	211.70	0.83	463,970.70	624,191.21	
1,694.00	0.90	239.30	1,693.77	-18.94	-12.57	22.73	213.57	0.57	463,970.36	624,190.13	
1,785.00	1.20	241.80	1,784.75	-19.75	-14.02	24.22	215.37	0.33	463,969.55	624,188.68	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)	
1,877.00	1.90	229.80	1,876.72	-21.19	-16.03	26.57	217.11	0.83	463,968.11	624,186.67	
1,967.00	1.70	240.00	1,966.67	-22.82	-18.33	29.27	218.77	0.42	463,966.48	624,184.37	
2,059.00	1.90	341.30	2,058.65	-22.06	-20.00	29.78	222.20	3.03	463,967.24	624,182.70	
2,149.00	2.90	358.70	2,148.57	-18.37	-20.53	27.55	228.18	1.36	463,970.93	624,182.17	
2,239.00	2.40	354.90	2,238.47	-14.22	-20.75	25.15	235.58	0.59	463,975.08	624,181.95	
2,330.00	2.30	351.60	2,329.39	-10.51	-21.19	23.65	243.61	0.18	463,978.79	624,181.51	
2,420.00	1.40	15.60	2,419.35	-7.67	-21.15	22.50	250.08	1.30	463,981.63	624,181.55	
2,511.00	1.40	97.90	2,510.33	-6.75	-19.75	20.88	251.14	2.02	463,982.55	624,182.95	
2,602.00	1.80	101.40	2,601.29	-7.18	-17.25	18.69	247.39	0.45	463,982.12	624,185.45	
2,693.00	2.10	109.90	2,692.24	-8.03	-14.28	16.39	240.64	0.46	463,981.27	624,188.42	
2,784.00	2.20	112.70	2,783.18	-9.28	-11.10	14.47	230.13	0.16	463,980.02	624,191.60	
2,874.00	2.70	118.90	2,873.09	-10.97	-7.65	13.37	214.91	0.63	463,978.33	624,195.05	
2,965.00	1.70	126.10	2,964.03	-12.80	-4.69	13.63	200.12	1.14	463,976.50	624,198.01	
3,055.00	1.10	146.50	3,054.00	-14.31	-3.13	14.64	192.35	0.86	463,974.99	624,199.57	
3,170.00	1.40	139.30	3,168.97	-16.29	-1.61	16.37	185.63	0.29	463,973.01	624,201.09	
3,234.00	1.10	140.60	3,232.96	-17.36	-0.71	17.37	182.33	0.47	463,971.94	624,201.99	
3,326.00	1.50	227.60	3,324.94	-18.85	-1.04	18.88	183.14	1.97	463,970.45	624,201.66	
3,418.00	2.30	248.70	3,416.89	-20.34	-3.64	20.66	190.16	1.14	463,968.96	624,199.06	
3,508.00	2.20	244.20	3,506.82	-21.74	-6.88	22.81	197.56	0.23	463,967.56	624,195.82	
3,598.00	2.20	243.20	3,596.75	-23.27	-9.98	25.32	203.21	0.04	463,966.03	624,192.72	
3,687.00	2.00	257.20	3,685.70	-24.39	-13.02	27.65	208.09	0.62	463,964.91	624,189.68	
3,777.00	1.80	268.60	3,775.65	-24.77	-15.96	29.47	212.80	0.47	463,964.53	624,186.74	
3,868.00	2.00	266.20	3,866.60	-24.91	-18.98	31.32	217.30	0.24	463,964.39	624,183.72	
3,959.00	2.00	265.60	3,957.54	-25.14	-22.14	33.50	221.38	0.02	463,964.16	624,180.56	
4,051.00	2.10	270.70	4,049.48	-25.24	-25.43	35.83	225.21	0.23	463,964.06	624,177.27	
4,141.00	2.90	306.00	4,139.40	-23.88	-28.92	37.51	230.45	1.89	463,965.42	624,173.78	
4,231.00	2.90	308.70	4,229.29	-21.12	-32.54	38.79	237.01	0.15	463,968.18	624,170.16	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)
4,322.00	2.90	306.20	4,320.17	-18.32	-36.19	40.57	243.15	0.14	463,970.98	624,166.51
4,412.00	2.80	306.80	4,410.06	-15.66	-39.79	42.76	248.52	0.12	463,973.64	624,162.91
4,503.00	3.00	307.70	4,500.94	-12.87	-43.46	45.32	253.50	0.23	463,976.43	624,159.24
4,594.00	3.00	301.90	4,591.82	-10.16	-47.36	48.44	257.89	0.33	463,979.14	624,155.34
4,685.00	3.10	304.90	4,682.69	-7.49	-51.40	51.94	261.71	0.21	463,981.81	624,151.30
4,774.00	1.30	336.10	4,771.62	-5.19	-53.78	54.03	264.49	2.36	463,984.11	624,148.92
4,864.00	1.20	331.30	4,861.60	-3.43	-54.65	54.76	266.41	0.16	463,985.87	624,148.05
4,956.00	1.10	331.10	4,953.58	-1.81	-55.54	55.57	268.13	0.11	463,987.49	624,147.16
5,045.00	1.10	332.70	5,042.56	-0.31	-56.34	56.35	269.69	0.03	463,988.99	624,146.36
5,135.00	1.20	334.00	5,132.55	1.31	-57.15	57.17	271.31	0.11	463,990.61	624,145.55
5,226.00	1.10	334.00	5,223.53	2.95	-57.95	58.03	272.91	0.11	463,992.25	624,144.75
5,317.00	1.10	335.00	5,314.51	4.53	-58.71	58.88	274.41	0.02	463,993.83	624,143.99
5,407.00	1.10	334.20	5,404.49	6.09	-59.45	59.76	275.85	0.02	463,995.39	624,143.25
5,497.00	1.10	328.10	5,494.48	7.60	-60.28	60.76	277.18	0.13	463,996.90	624,142.42
5,588.00	0.90	327.00	5,585.46	8.94	-61.13	61.78	278.32	0.22	463,998.24	624,141.57
5,677.00	0.90	321.30	5,674.45	10.07	-61.95	62.76	279.23	0.10	463,999.37	624,140.75
5,767.00	0.80	327.70	5,764.44	11.15	-62.73	63.71	280.08	0.15	464,000.45	624,139.97
5,859.00	0.90	333.80	5,856.43	12.35	-63.39	64.58	281.02	0.15	464,001.65	624,139.31
5,949.00	0.80	331.40	5,946.42	13.53	-64.00	65.42	281.94	0.12	464,002.83	624,138.70
6,041.00	0.80	317.50	6,038.41	14.57	-64.74	66.36	282.68	0.21	464,003.87	624,137.96
6,131.00	0.70	237.70	6,128.41	14.74	-65.63	67.27	282.66	1.07	464,004.04	624,137.07
6,222.00	1.30	203.20	6,219.40	13.49	-66.51	67.86	281.47	0.91	464,002.79	624,136.19
6,312.00	1.40	204.10	6,309.37	11.55	-67.36	68.34	279.73	0.11	464,000.85	624,135.34
6,403.00	1.30	201.60	6,400.34	9.58	-68.19	68.86	277.99	0.13	463,998.88	624,134.51
6,494.00	2.00	215.70	6,491.31	7.33	-69.50	69.88	276.02	0.88	463,996.63	624,133.20
6,584.00	2.50	230.60	6,581.24	4.80	-71.93	72.09	273.82	0.85	463,994.10	624,130.77
6,676.00	2.40	228.00	6,673.15	2.24	-74.92	74.95	271.71	0.16	463,991.54	624,127.78

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)
6,768.00	2.20	230.90	6,765.08	-0.16	-77.72	77.72	269.88	0.25	463,989.14	624,124.98
6,859.00	2.30	230.30	6,856.01	-2.43	-80.48	80.51	268.27	0.11	463,986.87	624,122.22
6,948.00	2.30	229.40	6,944.94	-4.73	-83.21	83.34	266.75	0.04	463,984.57	624,119.49
7,039.00	2.20	222.20	7,035.87	-7.21	-85.77	86.07	265.19	0.33	463,982.09	624,116.93
7,130.00	1.90	219.00	7,126.81	-9.68	-87.89	88.42	263.72	0.35	463,979.62	624,114.81
7,220.00	1.90	215.70	7,216.76	-12.05	-89.70	90.51	262.35	0.12	463,977.25	624,113.00
7,312.00	1.90	204.60	7,308.71	-14.68	-91.22	92.40	260.86	0.40	463,974.62	624,111.48
7,402.00	1.80	220.00	7,398.66	-17.12	-92.75	94.32	259.55	0.56	463,972.18	624,109.95
7,494.00	2.40	237.60	7,490.60	-19.25	-95.31	97.23	258.58	0.95	463,970.05	624,107.39
7,538.00	2.70	236.60	7,534.56	-20.32	-96.95	99.06	258.16	0.69	463,968.98	624,105.75
7,662.00	2.10	227.20	7,658.45	-23.47	-101.06	103.75	256.93	0.58	463,965.83	624,101.64
7,753.00	1.80	270.80	7,749.40	-24.58	-103.71	106.58	256.66	1.62	463,964.72	624,098.99
7,844.00	1.90	252.60	7,840.36	-25.01	-106.58	109.47	256.79	0.65	463,964.29	624,096.12
7,936.00	1.80	228.00	7,932.31	-26.44	-109.11	112.26	256.38	0.86	463,962.86	624,093.59
8,027.00	0.70	302.40	8,023.29	-27.10	-110.64	113.91	256.24	1.92	463,962.20	624,092.06
8,117.00	0.40	277.10	8,113.29	-26.76	-111.42	114.58	256.49	0.42	463,962.54	624,091.28
8,207.00	0.40	242.50	8,203.28	-26.87	-112.01	115.18	256.51	0.26	463,962.43	624,090.69
8,299.00	0.40	215.90	8,295.28	-27.28	-112.48	115.74	256.37	0.20	463,962.02	624,090.22
8,391.00	0.50	239.00	8,387.28	-27.74	-113.01	116.37	256.21	0.22	463,961.56	624,089.69
8,482.00	0.90	0.60	8,478.27	-27.23	-113.34	116.57	256.49	1.36	463,962.07	624,089.36
8,574.00	0.70	47.50	8,570.27	-26.13	-112.92	115.91	256.97	0.72	463,963.17	624,089.78
8,666.00	1.90	253.10	8,662.25	-26.20	-113.97	116.94	257.06	2.77	463,963.10	624,088.73
8,758.00	2.10	248.60	8,754.20	-27.25	-117.00	120.13	256.89	0.28	463,962.05	624,085.70
8,849.00	1.40	221.70	8,845.16	-28.69	-119.29	122.69	256.48	1.17	463,960.61	624,083.41
8,940.00	1.80	184.00	8,936.12	-30.95	-120.13	124.05	255.55	1.21	463,958.35	624,082.57
9,031.00	2.30	178.30	9,027.06	-34.20	-120.17	124.94	254.11	0.59	463,955.10	624,082.53
9,121.00	1.20	229.70	9,117.03	-36.61	-120.84	126.26	253.14	2.01	463,952.69	624,081.86

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Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)	
9,212.00	2.30	297.30	9,207.99	-36.39	-123.19	128.45	253.54	2.36	463,952.91	624,079.51	
9,304.00	2.50	301.00	9,299.91	-34.51	-126.55	131.17	254.75	0.27	463,954.79	624,076.15	
9,394.00	1.80	272.50	9,389.85	-33.44	-129.64	133.89	255.54	1.40	463,955.86	624,073.06	
9,487.00	2.20	239.90	9,482.79	-34.27	-132.65	137.00	255.51	1.28	463,955.03	624,070.05	
9,578.00	2.00	248.80	9,573.73	-35.72	-135.64	140.26	255.25	0.42	463,953.58	624,067.06	
9,671.00	1.60	275.20	9,666.69	-36.19	-138.44	143.10	255.35	0.98	463,953.11	624,064.26	
9,762.00	1.60	230.80	9,757.66	-36.88	-140.69	145.45	255.31	1.33	463,952.42	624,062.01	
9,852.00	0.80	230.20	9,847.64	-38.07	-142.15	147.16	255.01	0.89	463,951.23	624,060.55	
9,943.00	0.20	89.40	9,938.63	-38.48	-142.48	147.58	254.89	1.06	463,950.82	624,060.22	
9,998.00	0.30	101.70	9,993.63	-38.51	-142.24	147.36	254.85	0.21	463,950.79	624,060.46	
10,033.00	0.10	158.40	10,028.63	-38.55	-142.14	147.28	254.82	0.74	463,950.75	624,060.56	
10,079.00	1.20	175.82	10,074.63	-39.07	-142.09	147.37	254.62	2.40	463,950.23	624,060.61	
10,124.00	4.09	287.53	10,119.59	-39.06	-143.59	148.81	254.78	10.37	463,950.24	624,059.11	
RS25- 908H LTP_330FSL_330FEL - RS25- 107H LTP_330FSL_557FWL											
10,169.00	7.65	325.56	10,164.36	-36.10	-146.81	151.19	256.18	11.31	463,953.20	624,055.89	
10,205.76	11.80	333.56	10,200.59	-30.72	-149.87	152.99	258.42	11.84	463,958.58	624,052.83	
RS25- 128H LTP_330FSL_530FEL											
10,215.00	12.86	334.76	10,209.62	-28.94	-150.73	153.49	259.13	11.84	463,960.36	624,051.97	
RS25- 167H LTP_330FSL_337FWL											
10,242.56	16.14	331.19	10,236.29	-22.81	-153.89	155.57	261.57	12.34	463,966.49	624,048.81	
RS25- 908H FTP_330FNL_330FEL											
10,260.00	18.24	329.58	10,252.95	-18.33	-156.44	157.51	263.32	12.34	463,970.97	624,046.26	
10,305.00	23.10	332.93	10,295.05	-4.39	-164.03	164.08	268.47	11.11	463,984.91	624,038.67	
10,351.00	25.49	344.47	10,336.99	13.20	-170.79	171.30	274.42	11.53	464,002.50	624,031.91	
10,395.00	28.22	352.27	10,376.26	32.64	-174.72	177.74	280.58	10.12	464,021.94	624,027.98	
10,425.49	30.69	353.52	10,402.81	47.51	-176.57	182.85	285.06	8.35	464,036.81	624,026.13	
RS25- 107H FTP_330FNL_506FWL											
10,440.00	31.87	354.05	10,415.20	55.00	-177.39	185.72	287.23	8.35	464,044.30	624,025.31	

Survey Report Landscape

Company:	XTO Energy					Local Co-ordinate Reference:		Well RN25-127H - Slot RN25- 127H 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:	RN25-127H					North Reference:		Grid			
Wellbore:	127H Lateral					Survey Calculation Method:		Minimum Curvature			
Design:	127H Lateral (AsDrilled)					Database:		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)	
10,486.00	36.47	352.48	10,453.25	80.65	-180.44	197.64	294.08	10.18	464,069.95	624,022.26	
10,576.00	44.85	354.59	10,521.47	138.87	-186.94	232.88	306.61	9.43	464,128.17	624,015.76	
10,668.00	53.26	355.51	10,581.71	208.04	-192.90	283.71	317.16	9.17	464,197.34	624,009.80	
10,742.00	60.26	354.54	10,622.24	269.66	-198.28	334.71	323.67	9.53	464,258.96	624,004.42	
Wellpath Crosses Unit Line @ Heel											
10,758.00	61.78	354.35	10,629.99	283.59	-199.64	346.81	324.86	9.53	464,272.89	624,003.06	
RS25- 167H FTP_329FNL_286FWL - RS25- 128H FTP_329FNL_530FEL											
10,849.00	73.23	359.88	10,664.78	367.39	-203.69	420.07	330.99	13.77	464,356.69	623,999.01	
10,939.00	77.00	0.51	10,687.89	454.35	-203.39	497.80	335.88	4.24	464,443.65	623,999.31	
10,956.99	78.82	0.39	10,691.66	471.94	-203.25	513.85	336.70	10.16	464,461.24	623,999.45	
RN25- 107H LP											
11,007.93	83.99	0.07	10,699.27	522.29	-203.05	560.37	338.76	10.16	464,511.59	623,999.65	
RN25- 107H FTP_281FSL_440FEL											
11,031.00	86.33	359.92	10,701.21	545.28	-203.05	581.86	339.58	10.16	464,534.58	623,999.65	
11,033.33	86.44	359.93	10,701.36	547.60	-203.06	584.04	339.65	4.57	464,536.90	623,999.64	
RN25- 128H FTP_281FSL_330FEL											
11,035.83	86.55	359.95	10,701.51	550.09	-203.06	586.38	339.74	4.57	464,539.39	623,999.64	
RN25- 127H FTP_281FSL_285FWL - RN25- 168H FTP_251FSL_614FWL											
11,120.00	90.36	0.48	10,703.78	634.22	-202.74	665.84	342.27	4.57	464,623.52	623,999.96	
11,212.00	90.87	359.84	10,702.80	726.21	-202.49	753.91	344.42	0.89	464,715.51	624,000.21	
11,303.00	90.64	357.49	10,701.60	817.17	-204.61	842.40	345.94	2.59	464,806.47	623,998.09	
11,306.00	90.60	357.31	10,701.56	820.17	-204.74	845.34	345.98	6.30	464,809.47	623,997.96	
Wellpath Crosses FTP											
11,394.00	89.36	351.90	10,701.60	907.75	-213.02	932.41	346.79	6.30	464,897.05	623,989.68	
11,485.00	88.21	349.33	10,703.53	997.50	-227.85	1,023.19	347.13	3.09	464,986.80	623,974.85	
11,577.00	89.83	351.94	10,705.10	1,088.25	-242.82	1,115.01	347.42	3.34	465,077.55	623,959.88	
11,669.00	90.73	355.12	10,704.65	1,179.65	-253.18	1,206.51	347.89	3.59	465,168.95	623,949.52	
11,760.00	90.70	355.28	10,703.51	1,270.32	-260.80	1,296.82	348.40	0.18	465,259.62	623,941.90	

Survey Report Landscape

Company:	XTO Energy					Local Co-ordinate Reference:			Well RN25-127H - Slot RN25- 127H 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:	RN25-127H					North Reference:			Grid			
Wellbore:	127H Lateral					Survey Calculation Method:			Minimum Curvature			
Design:	127H Lateral (AsDrilled)					Database:			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)		
11,850.00	91.51	356.25	10,701.78	1,360.06	-267.44	1,386.10	348.88	1.40	465,349.36	623,935.26		
11,943.00	91.23	359.73	10,699.56	1,452.96	-270.70	1,477.96	349.45	3.75	465,442.26	623,932.00		
12,035.00	91.71	0.49	10,697.19	1,544.93	-270.52	1,568.44	350.07	0.98	465,534.23	623,932.18		
12,127.00	91.96	0.85	10,694.25	1,636.88	-269.45	1,658.90	350.65	0.48	465,626.18	623,933.25		
12,219.00	91.60	1.91	10,691.39	1,728.80	-267.23	1,749.34	351.21	1.22	465,718.10	623,935.47		
12,309.00	90.36	0.95	10,689.85	1,818.76	-264.99	1,837.96	351.71	1.74	465,808.06	623,937.71		
12,399.00	90.11	0.73	10,689.48	1,908.75	-263.67	1,926.87	352.14	0.37	465,898.05	623,939.03		
12,488.00	90.39	0.41	10,689.09	1,997.74	-262.78	2,014.95	352.51	0.48	465,987.04	623,939.92		
12,580.00	90.62	0.36	10,688.28	2,089.74	-262.17	2,106.12	352.85	0.26	466,079.04	623,940.53		
12,671.00	90.22	0.96	10,687.62	2,180.73	-261.12	2,196.31	353.17	0.79	466,170.03	623,941.58		
12,761.00	89.78	0.18	10,687.62	2,270.72	-260.22	2,285.58	353.46	1.00	466,260.02	623,942.48		
12,851.00	88.82	0.29	10,688.72	2,360.71	-259.85	2,374.97	353.72	1.07	466,350.01	623,942.85		
12,942.00	88.15	0.38	10,691.12	2,451.68	-259.32	2,465.36	353.96	0.74	466,440.98	623,943.38		
13,033.00	88.12	358.59	10,694.08	2,542.62	-260.14	2,555.90	354.16	1.97	466,531.92	623,942.56		
13,123.00	90.39	357.50	10,695.25	2,632.56	-263.21	2,645.68	354.29	2.80	466,621.86	623,939.49		
13,214.00	89.92	357.49	10,695.01	2,723.47	-267.19	2,736.54	354.40	0.52	466,712.77	623,935.51		
13,306.00	91.74	358.73	10,693.68	2,815.40	-270.22	2,828.34	354.52	2.39	466,804.70	623,932.48		
13,398.00	92.27	358.69	10,690.46	2,907.32	-272.29	2,920.05	354.65	0.58	466,896.62	623,930.41		
13,488.00	90.76	359.18	10,688.08	2,997.27	-273.96	3,009.77	354.78	1.76	466,986.57	623,928.74		
13,579.00	90.17	359.07	10,687.34	3,088.26	-275.35	3,100.51	354.90	0.66	467,077.56	623,927.35		
13,670.00	88.63	357.65	10,688.29	3,179.21	-277.96	3,191.34	355.00	2.30	467,168.51	623,924.74		
13,762.00	90.98	359.98	10,688.60	3,271.18	-279.86	3,283.13	355.11	3.60	467,260.48	623,922.84		
13,852.00	90.76	0.36	10,687.24	3,361.17	-279.59	3,372.78	355.24	0.49	467,350.47	623,923.11		
13,943.00	89.55	0.05	10,686.99	3,452.17	-279.27	3,463.44	355.38	1.37	467,441.47	623,923.43		
14,035.00	88.91	359.23	10,688.23	3,544.16	-279.84	3,555.19	355.49	1.13	467,533.46	623,922.86		
14,125.00	90.28	359.75	10,688.86	3,634.15	-280.64	3,644.97	355.58	1.63	467,623.45	623,922.06		
14,216.00	92.05	0.14	10,687.01	3,725.12	-280.73	3,735.69	355.69	1.99	467,714.42	623,921.97		

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)
14,307.00	91.99	0.98	10,683.81	3,816.06	-279.84	3,826.31	355.81	0.92	467,805.36	623,922.86
14,397.00	92.44	1.03	10,680.33	3,905.98	-278.27	3,915.88	355.93	0.50	467,895.28	623,924.43
14,487.00	92.07	0.48	10,676.79	3,995.90	-277.08	4,005.50	356.03	0.74	467,985.20	623,925.62
14,578.00	91.57	0.50	10,673.90	4,086.85	-276.30	4,096.18	356.13	0.55	468,076.15	623,926.40
14,668.00	91.04	0.28	10,671.85	4,176.83	-275.69	4,185.92	356.22	0.64	468,166.13	623,927.01
14,760.00	89.33	359.57	10,671.55	4,268.82	-275.81	4,277.72	356.30	2.01	468,258.12	623,926.89
14,851.00	88.18	357.85	10,673.53	4,359.77	-277.86	4,368.62	356.35	2.27	468,349.07	623,924.84
14,941.00	89.92	358.47	10,675.02	4,449.71	-280.75	4,458.56	356.39	2.05	468,439.01	623,921.95
15,033.00	90.39	358.49	10,674.77	4,541.68	-283.19	4,550.50	356.43	0.51	468,530.98	623,919.51
15,123.00	90.14	358.55	10,674.35	4,631.65	-285.51	4,640.44	356.47	0.29	468,620.95	623,917.19
15,214.00	90.76	358.30	10,673.64	4,722.61	-288.01	4,731.38	356.51	0.73	468,711.91	623,914.69
15,306.00	91.34	358.56	10,671.95	4,814.56	-290.53	4,823.32	356.55	0.69	468,803.86	623,912.17
15,396.00	92.69	359.61	10,668.79	4,904.49	-291.97	4,913.17	356.59	1.90	468,893.79	623,910.73
15,487.00	91.34	0.39	10,665.59	4,995.43	-291.97	5,003.95	356.66	1.71	468,984.73	623,910.73
15,577.00	91.40	359.69	10,663.44	5,085.40	-291.91	5,093.77	356.71	0.78	469,074.70	623,910.79
15,667.00	90.00	359.75	10,662.34	5,175.39	-292.35	5,183.64	356.77	1.56	469,164.69	623,910.35
15,758.00	90.48	0.10	10,661.96	5,266.39	-292.47	5,274.51	356.82	0.65	469,255.69	623,910.23
15,849.00	88.94	359.67	10,662.42	5,357.39	-292.65	5,365.37	356.87	1.76	469,346.69	623,910.05
15,939.00	88.77	359.19	10,664.22	5,447.36	-293.54	5,455.27	356.92	0.57	469,436.66	623,909.16
16,029.00	88.71	359.03	10,666.20	5,537.33	-294.94	5,545.18	356.95	0.19	469,526.63	623,907.76
16,122.00	88.80	359.12	10,668.22	5,630.30	-296.44	5,638.10	356.99	0.14	469,619.60	623,906.26
16,212.00	89.13	358.80	10,669.84	5,720.27	-298.08	5,728.03	357.02	0.51	469,709.57	623,904.62
16,304.00	89.94	358.25	10,670.59	5,812.23	-300.44	5,819.99	357.04	1.06	469,801.53	623,902.26
16,395.00	90.00	357.87	10,670.64	5,903.18	-303.52	5,910.98	357.06	0.42	469,892.48	623,899.18
16,487.00	90.00	357.39	10,670.64	5,995.10	-307.33	6,002.97	357.07	0.52	469,984.40	623,895.37
16,579.00	90.53	358.68	10,670.21	6,087.05	-310.48	6,094.96	357.08	1.52	470,076.35	623,892.22
16,670.00	90.87	358.28	10,669.10	6,178.01	-312.90	6,185.92	357.10	0.58	470,167.31	623,889.80

Survey Report Landscape

Company: XTO Energy			Local Co-ordinate Reference: Well RN25-127H - Slot RN25- 127H 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: RN25-127H			North Reference: Grid		
Wellbore: 127H Lateral			Survey Calculation Method: Minimum Curvature		
Design: 127H Lateral (AsDrilled)			Database: 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)
16,760.00	90.95	0.86	10,667.67	6,267.98	-313.57	6,275.82	357.14	2.87	470,257.28	623,889.13
16,851.00	91.04	0.64	10,666.09	6,358.96	-312.38	6,366.63	357.19	0.26	470,348.26	623,890.32
16,941.00	91.04	359.91	10,664.46	6,448.95	-311.95	6,456.49	357.23	0.81	470,438.25	623,890.75
17,032.00	91.65	359.88	10,662.32	6,539.92	-312.12	6,547.36	357.27	0.67	470,529.22	623,890.58
17,123.00	91.88	359.80	10,659.52	6,630.88	-312.37	6,638.23	357.30	0.27	470,620.18	623,890.33
17,214.00	93.56	0.73	10,655.20	6,721.77	-311.95	6,729.00	357.34	2.11	470,711.07	623,890.75
17,306.00	91.51	2.19	10,651.13	6,813.64	-309.61	6,820.67	357.40	2.73	470,802.94	623,893.09
17,397.00	89.92	1.06	10,649.99	6,904.59	-307.03	6,911.42	357.45	2.14	470,893.89	623,895.67
17,489.00	90.36	0.46	10,649.77	6,996.59	-305.81	7,003.27	357.50	0.81	470,985.89	623,896.89
17,578.00	88.51	0.91	10,650.65	7,085.57	-304.74	7,092.12	357.54	2.14	471,074.87	623,897.96
17,669.00	88.01	0.15	10,653.41	7,176.52	-303.90	7,182.96	357.58	1.00	471,165.82	623,898.80
17,760.00	88.43	0.59	10,656.24	7,267.48	-303.32	7,273.80	357.61	0.67	471,256.78	623,899.38
17,850.00	88.79	0.65	10,658.42	7,357.45	-302.34	7,363.65	357.65	0.41	471,346.75	623,900.36
17,941.00	87.76	359.70	10,661.16	7,448.40	-302.06	7,454.52	357.68	1.54	471,437.70	623,900.64
18,031.00	86.83	358.55	10,665.41	7,538.29	-303.44	7,544.39	357.69	1.64	471,527.59	623,899.26
18,122.00	88.74	359.53	10,668.92	7,629.20	-304.96	7,635.29	357.71	2.36	471,618.50	623,897.74
18,213.00	89.64	359.85	10,670.21	7,720.19	-305.45	7,726.23	357.73	1.05	471,709.49	623,897.25
18,302.00	90.59	0.99	10,670.03	7,809.19	-304.80	7,815.13	357.76	1.67	471,798.49	623,897.90
18,392.00	91.12	1.22	10,668.69	7,899.16	-303.06	7,904.97	357.80	0.64	471,888.46	623,899.64
18,393.87	91.15	1.24	10,668.65	7,901.02	-303.02	7,906.83	357.80	2.26	471,890.32	623,899.68
RN25- 168H LTP_330FNL_660FEL										
18,400.63	91.28	1.33	10,668.51	7,907.78	-302.87	7,913.58	357.81	2.26	471,897.08	623,899.83
RN25- 127H LTP_330FNL_336FWL										
18,402.00	91.31	1.35	10,668.48	7,909.15	-302.84	7,914.95	357.81	2.26	471,898.45	623,899.86
Wellpath Crosses LTP										
18,419.24	91.63	1.57	10,668.03	7,926.39	-302.40	7,932.15	357.82	2.26	471,915.69	623,900.30
RN25- 128H LTP_330FNL_330FEL										

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well RN25-127H - Slot RN25- 127H 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:	RN25-127H	North Reference:	Grid
Wellbore:	127H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	127H Lateral (AsDrilled)	Database:	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)	
18,423.75	91.71	1.62	10,667.90	7,930.89	-302.28	7,936.65	357.82	2.26	471,920.19	623,900.42	
RN25- 107H LTP_330FNL_440FEL											
18,443.00	92.07	1.87	10,667.27	7,950.12	-301.69	7,955.84	357.83	2.26	471,939.42	623,901.01	
18,488.00	92.07	1.87	10,665.64	7,995.07	-300.22	8,000.70	357.85	0.00	471,984.37	623,902.48	
TD @ 234FNL,341FWL - RN25- 168H PBHL_200FNL_660FEL - RN25- 127H 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		Comment
		+N/-S (usft)	+E/-W (usft)	
10,742.00	10,622.24	269.66	-198.28	Wellpath Crosses Unit Line @ Heel
11,306.00	10,701.56	820.17	-204.74	Wellpath Crosses FTP
18,402.00	10,668.48	7,909.15	-302.84	Wellpath Crosses LTP
18,488.00	10,665.64	7,995.07	-300.22	TD @ 234FNL,341FWL

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-44233		
Operator Name: XTO Energy Inc.	Property Name: Remuda North 25 State	Well Number 127H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	25	23S	29E		2341	FSL	877	FEL	Eddy
Latitude 32.275002					Longitude 103.932421				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	25	23S	29E		2308	FNL	935	FWL	Eddy
Latitude 32.276819					Longitude 103.932609				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	24	23S	29E		374	FNL	989	FEL	Eddy
Latitude 32.296727					Longitude 103.932850				NAD 83

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

☐ No

Is this well an infill well?

☐ Yes

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

API # 30-015-44232		
Operator Name: XTO Energy Inc.	Property Name: Remuda North 25 State	Well Number 105H

KZ 06/29/2018

Submit To Appropriate District Office Two Copies 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		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																		
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: 127H										
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																		
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 5380												
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat PURPLE SAGE;WOLF CAMP (GAS)												
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		2379	South	735	East	Eddy								
BH:	A	24	23S	29E		243	North	985	East	Eddy								
13. Date Spudded 6/12/2019	14. Date T.D. Reached 7/2/2019		15. Date Rig Released 7/5/2019		16. Date Completed (Ready to Produce) 3/29/20			17. Elevations (DF and RKB, RT, GR, etc.) 3071' GL										
18. Total Measured Depth of Well 18,488			19. Plug Back Measured Depth 18,486		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,108 - 18,357 PURPLE SAGE;WOLF CAMP (GAS)																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
16.0"		75.0		731'		20"		560										
11 3/4"		47.0		3,244'		14 3/4"		1820										
8 5/8"		32.0		7,610'		10 5/8"		2230										
5 1/2"		20.0		18,488'		7 7/8"		1380										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET										
						2 7/8"	10,050	10,015										
26. Perforation record (interval, size, and number) 11,108 - 18,357 4spf, 2308 Total Shots 49 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>11,108 - 18,357</td> <td>380,773 bbl fluid + 18,118,904 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11,108 - 18,357	380,773 bbl fluid + 18,118,904 lbs proppant				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
11,108 - 18,357	380,773 bbl fluid + 18,118,904 lbs proppant																	
28. PRODUCTION																		
Date First Production 3/30/20		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 4/15/20	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1305	Gas - MCF 5254	Water - Bbl. 3381	Gas - Oil Ratio 4026											
Flow Tubing Press. 1926	Casing Pressure 1276	Calculated 24-Hour Rate	Oil - Bbl. 1305	Gas - MCF 5254	Water - Bbl. 3381	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 NW, C-102 & Supplement , Directional Survey (Log uploaded to NMOCD)																		
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 hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature <i>Cassie Evans</i>			Printed Name Cassie Evans		Title Regulatory Analyst		Date 10/27/2021											
E-mail Address cassie.evans@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. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 3,318'	T. Morrison	
T. Drinkard	T. Bone Springs 7,010'	T. Todilto	
T. Abo	T. Rustler	T. Entrada	
T. Wolfcamp 10,379'	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

ACKNOWLEDGMENTS

Action 58142

ACKNOWLEDGMENTS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 58142
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 58142

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Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 58142
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/19/2021