

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 & 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 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-45822	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 325310	⁸ Property Name POKER LAKE UNIT 13 DTD	⁹ Well Number 126H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	24	24S	30E		442	North	1955	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
O	25	24S	30E		159	South	1637	East	Eddy
¹² Lse Code F	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	Oil
373075	XTO Permian Midstream	Gas/Wtr

IV. Well Completion Data

²¹ Spud Date 12/23/2019	²² Ready Date 6/5/2021	²³ TD 22484 MD 12445 TVD	²⁴ PBT 22482 MD 12445 TVD	²⁵ Perforations 12,786 - 22,333	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
18.5	16.0	770	665		
14.75	11.75	4139	2285		
10.625	8.625	11752	3190		
7.875	5.5	22484	3350		

V. Well Test Data

³¹ Date New Oil 6/6/21	³² Gas Delivery Date 6/8/21	³³ Test Date 6/15/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1136	³⁶ Csg. Pressure 1444
³⁷ Choke Size	³⁸ Oil 1017	³⁹ Water 6822	⁴⁰ Gas 6177		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: **08/19/21**

Phone:

OIL CONSERVATION DIVISION

Approved by: **KURT SIMMONS**

Title: **NMOCD, SANTA FE**

Approval Date: **10/04/2021**

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 30-015-45822	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325310	⁵ Property Name POKER LAKE UNIT 13 DTD	⁶ Well Number 126H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,469'

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
B	24	24 S	30 E		442	NORTH	1,955	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
O	25	24 S	30 E		159	SOUTH	1,637	EAST	EDDY

¹² Dedicated Acres 640	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.

	<table border="0"> <tr> <td>SHL (NAD83 NME)</td> <td>LTP (NAD83 NME)</td> </tr> <tr> <td>Y = 440,279.1</td> <td>Y = 430,525.0</td> </tr> <tr> <td>X = 696,391.5</td> <td>X = 696,742.3</td> </tr> <tr> <td>LAT. = 32.209410 °N</td> <td>LAT. = 32.182593 °N</td> </tr> <tr> <td>LONG. = 103.832000 °W</td> <td>LONG. = 103.831013 °W</td> </tr> <tr> <td>KOP (NAD83 NME)</td> <td>BHL (NAD83 NME)</td> </tr> <tr> <td>Y = 440,646.2</td> <td>Y = 430,318.1</td> </tr> <tr> <td>X = 696,690.2</td> <td>X = 696,748.6</td> </tr> <tr> <td>LAT. = 32.210415 °N</td> <td>LAT. = 32.182025 °N</td> </tr> <tr> <td>LONG. = 103.831029 °W</td> <td>LONG. = 103.830996 °W</td> </tr> <tr> <td>FTP (NAD83 NME)</td> <td></td> </tr> <tr> <td>Y = 440,062.3</td> <td></td> </tr> <tr> <td>X = 696,702.9</td> <td></td> </tr> <tr> <td>LAT. = 32.208810 °N</td> <td></td> </tr> <tr> <td>LONG. = 103.830996 °W</td> <td></td> </tr> <tr> <td colspan="2">CORNER COORDINATES (NAD83 NME)</td> </tr> <tr> <td>A - Y = 440,718.6 N</td> <td>X = 695,668.2 E</td> </tr> <tr> <td>B - 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Y = 440,664.1 N	X = 655,822.7 E	G - Y = 438,025.5 N	X = 655,832.4 E	H - Y = 435,383.3 N	X = 655,842.2 E	I - Y = 432,742.2 N	X = 655,854.2 E	J - Y = 430,100.7 N	X = 655,866.3 E	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. 08/19/21 Signature Date Cassie Evans Printed Name cassie.evans@exxonmobil.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. 8-19-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2018010154
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Intent ☐ As Drilled ☒API #
30-015-45822

Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 13 DTD	Well Number 126H
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Kick Off Point (KOP)

UL B	Section 24	Township 24S	Range 30E	Lot	Feet 76	From N/S FNL	Feet 1,655	From E/W FEL	County EDDY
Latitude 32.210415					Longitude 103.831029				NAD 83

First Take Point (FTP)

UL B	Section 24	Township 24S	Range 30E	Lot	Feet 660	From N/S FNL	Feet 1,644	From E/W FEL	County EDDY
Latitude 32.208810					Longitude 103.830996				NAD 83

Last Take Point (LTP)

UL O	Section 25	Township 24S	Range 30E	Lot	Feet 366	From N/S FSL	Feet 1,643	From E/W FEL	County EDDY
Latitude 32.182593					Longitude 103.831013				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #

Operator Name:	Property Name:	Well Number
----------------	----------------	-------------

KZ 06/29/2018



True Performance
Directional Drilling
5075 E 52nd Street
Odessa, TX 79762
(281)-222-8366

To: New Mexico Energy, Minerals and
Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505 (505) 476-3220

Re: Certified Survey Report / **PLU 13 DTD 13-126H / 30-015-45822**

Via: Electronic Filing

True Performance Directional Drilling, respectfully submits for filing the required directional certified survey performed on the referenced well by True Performance Directional Drilling. Other information required by your office is as follows:

<u>Name & Title of Supervisor</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Greg Wilkie MWD Coordinator	211' to 16157'	12-18-19 to 3-5-20	MWD

The directional MWD surveys performed by True Performance Directional Drilling are attached. A copy of the certified plat on which the final survey is drawn and the projected bottom-hole location is marked and identified is also attached.

Please file this certified survey report. If there are any questions or additional data required, please let me know at your earliest opportunity.

Thank You

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Wilkie'.

Greg Wilkie
MWD Operations Manager

XTO Energy

Eddy County, NM (NAD27) NMEZ Grid

PLU 13 Dog Town Draw

13-126H - Slot PLU 13 DTD 126H SHL

126H Lateral

Design: 126H Lateral AsDrilled

Standard Survey Report

05 March, 2020

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_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	PLU 13 Dog Town Draw		
Site Position:		Northing:	440,075.00 usft
From:	Map	Easting:	654,089.10 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	32.2089017
		Longitude:	-103.8351331
		Grid Convergence:	0.27 °

Well	13-126H - Slot PLU 13 DTD 126H SHL					
Well Position	+N/-S	0.00 usft	Northing:	440,220.30 usft	Latitude:	32.2092868
	+E/-W	0.00 usft	Easting:	655,207.50 usft	Longitude:	-103.8315150
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,469.00 usft

Wellbore	126H Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	01/19/20	6.86	59.90	47,797.00000000

Design	126H 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	179.77	

Survey Program	Date	03/05/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
211.00	11,837.00	Survey #1 (126H Lateral)	MWD	OWSG MWD - Standard	
11,885.00	16,065.00	Survey #2 (126H Lateral)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
16,157.00	16,157.00	Survey #3 (126H Lateral)	Projection	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PLU 13 DTD 126H SHL										
211.00	0.26	21.66	211.00	0.44	0.18	-0.44	0.12	0.12	0.00	
273.00	0.44	358.54	273.00	0.81	0.22	-0.81	0.36	0.29	-37.29	
335.00	0.88	350.65	334.99	1.52	0.14	-1.52	0.72	0.71	-12.73	
431.00	0.97	352.74	430.98	3.05	-0.08	-3.06	0.10	0.09	2.18	
524.00	1.32	342.72	523.96	4.86	-0.50	-4.86	0.43	0.38	-10.77	
616.00	1.41	350.90	615.94	6.99	-0.99	-6.99	0.23	0.10	8.89	
709.00	1.93	10.58	708.90	9.66	-0.89	-9.66	0.82	0.56	21.16	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
794.00	2.37	15.59	793.84	12.76	-0.15	-12.76	0.56	0.52	5.89	
886.00	2.07	11.90	885.77	16.22	0.70	-16.21	0.36	-0.33	-4.01	
978.00	1.23	7.42	977.73	18.82	1.17	-18.82	0.92	-0.91	-4.87	
1,071.00	0.92	12.87	1,070.71	20.54	1.47	-20.53	0.35	-0.33	5.86	
1,163.00	0.97	19.72	1,162.70	21.99	1.89	-21.98	0.13	0.05	7.45	
1,256.00	0.70	19.99	1,255.69	23.27	2.35	-23.26	0.29	-0.29	0.29	
1,351.00	0.40	15.50	1,350.69	24.13	2.64	-24.12	0.32	-0.32	-4.73	
1,445.00	0.31	57.69	1,444.68	24.58	2.94	-24.57	0.29	-0.10	44.88	
1,540.00	0.75	16.74	1,539.68	25.32	3.34	-25.30	0.58	0.46	-43.11	
1,635.00	0.88	12.52	1,634.67	26.62	3.68	-26.61	0.15	0.14	-4.44	
1,730.00	1.01	18.58	1,729.66	28.13	4.10	-28.11	0.17	0.14	6.38	
1,825.00	0.44	68.42	1,824.65	29.06	4.71	-29.04	0.84	-0.60	52.46	
1,919.00	0.18	99.62	1,918.65	29.17	5.19	-29.14	0.32	-0.28	33.19	
2,014.00	0.84	33.70	2,013.65	29.72	5.72	-29.70	0.83	0.69	-69.39	
2,109.00	1.10	8.65	2,108.63	31.20	6.25	-31.18	0.52	0.27	-26.37	
2,204.00	0.70	19.02	2,203.62	32.65	6.57	-32.62	0.45	-0.42	10.92	
2,298.00	0.53	26.93	2,297.62	33.58	6.96	-33.55	0.20	-0.18	8.41	
2,393.00	0.92	26.14	2,392.61	34.66	7.49	-34.63	0.41	0.41	-0.83	
2,488.00	0.97	34.93	2,487.59	36.00	8.29	-35.97	0.16	0.05	9.25	
2,583.00	1.01	30.18	2,582.58	37.38	9.17	-37.35	0.10	0.04	-5.00	
2,677.00	1.58	44.07	2,676.56	39.03	10.49	-38.99	0.69	0.61	14.78	
2,772.00	2.64	43.19	2,771.49	41.57	12.89	-41.52	1.12	1.12	-0.93	
2,867.00	4.22	44.68	2,866.32	45.65	16.85	-45.58	1.67	1.66	1.57	
2,962.00	4.97	53.03	2,961.01	50.61	22.60	-50.52	1.06	0.79	8.79	
3,056.00	4.88	57.69	3,054.67	55.19	29.23	-55.08	0.44	-0.10	4.96	
3,151.00	5.36	51.54	3,149.29	60.11	36.12	-59.97	0.77	0.51	-6.47	
3,246.00	6.68	47.85	3,243.76	66.58	43.69	-66.41	1.45	1.39	-3.88	
3,341.00	7.65	47.50	3,338.02	74.56	52.45	-74.35	1.02	1.02	-0.37	
3,435.00	8.04	44.07	3,431.14	83.51	61.63	-83.26	0.65	0.41	-3.65	
3,530.00	8.09	40.82	3,525.20	93.34	70.62	-93.06	0.48	0.05	-3.42	
3,625.00	7.43	42.40	3,619.33	102.94	79.14	-102.62	0.73	-0.69	1.66	
3,719.00	6.15	41.08	3,712.67	111.22	86.54	-110.88	1.37	-1.36	-1.40	
3,814.00	5.85	41.78	3,807.15	118.67	93.11	-118.29	0.33	-0.32	0.74	
3,909.00	5.54	44.07	3,901.68	125.57	99.53	-125.17	0.40	-0.33	2.41	
4,003.00	5.05	33.61	3,995.28	132.28	104.97	-131.86	1.15	-0.52	-11.13	
4,035.00	5.10	31.50	4,027.15	134.67	106.50	-134.24	0.60	0.16	-6.59	
4,058.00	5.14	30.18	4,050.06	136.43	107.55	-136.00	0.54	0.17	-5.74	
4,193.00	5.27	35.90	4,184.51	146.68	114.22	-146.22	0.40	0.10	4.24	
4,288.00	6.37	40.38	4,279.02	154.23	120.20	-153.74	1.25	1.16	4.72	
4,383.00	8.79	43.54	4,373.18	163.50	128.61	-162.99	2.58	2.55	3.33	
4,478.00	9.89	44.33	4,466.92	174.60	139.31	-174.04	1.17	1.16	0.83	
4,572.00	10.11	44.60	4,559.49	186.25	150.75	-185.65	0.24	0.23	0.29	
4,667.00	9.49	39.76	4,653.11	198.21	161.61	-197.56	1.08	-0.65	-5.09	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,762.00	8.44	34.93	4,746.94	209.95	170.61	-209.26	1.36	-1.11	-5.08	
4,857.00	8.31	34.05	4,840.93	221.35	178.45	-220.63	0.19	-0.14	-0.93	
4,951.00	8.75	33.43	4,933.89	232.95	186.19	-232.20	0.48	0.47	-0.66	
5,046.00	8.79	32.91	5,027.78	245.07	194.12	-244.29	0.09	0.04	-0.55	
5,141.00	8.70	31.59	5,121.68	257.28	201.82	-256.47	0.23	-0.09	-1.39	
5,236.00	8.70	32.12	5,215.58	269.49	209.41	-268.65	0.08	0.00	0.56	
5,331.00	8.79	31.59	5,309.48	281.76	217.03	-280.88	0.13	0.09	-0.56	
5,425.00	9.10	31.24	5,402.34	294.23	224.65	-293.33	0.33	0.33	-0.37	
5,520.00	8.44	34.58	5,496.23	306.39	232.50	-305.46	0.88	-0.69	3.52	
5,615.00	7.21	39.41	5,590.34	316.74	240.24	-315.77	1.47	-1.29	5.08	
5,710.00	6.77	41.17	5,684.63	325.56	247.71	-324.56	0.52	-0.46	1.85	
5,804.00	6.86	39.67	5,777.97	334.05	254.94	-333.03	0.21	0.10	-1.60	
5,899.00	6.64	39.59	5,872.31	342.65	262.07	-341.60	0.23	-0.23	-0.08	
5,994.00	6.64	39.94	5,966.67	351.10	269.09	-350.01	0.04	0.00	0.37	
6,089.00	6.37	43.10	6,061.06	359.16	276.22	-358.04	0.47	-0.28	3.33	
6,183.00	5.76	43.63	6,154.54	366.38	283.04	-365.24	0.65	-0.65	0.56	
6,278.00	4.66	42.40	6,249.14	372.68	288.93	-371.52	1.16	-1.16	-1.29	
6,373.00	3.21	34.84	6,343.92	377.71	293.05	-376.53	1.62	-1.53	-7.96	
6,468.00	2.11	18.67	6,438.81	381.55	295.13	-380.36	1.39	-1.16	-17.02	
6,562.00	1.89	2.85	6,532.76	384.74	295.76	-383.55	0.63	-0.23	-16.83	
6,657.00	1.54	10.85	6,627.71	387.56	296.08	-386.37	0.45	-0.37	8.42	
6,752.00	1.41	6.80	6,722.68	389.97	296.46	-388.78	0.18	-0.14	-4.26	
6,847.00	0.70	10.85	6,817.67	391.70	296.71	-390.51	0.75	-0.75	4.26	
6,941.00	0.40	12.17	6,911.66	392.59	296.88	-391.39	0.32	-0.32	1.40	
7,036.00	0.48	4.25	7,006.66	393.31	296.98	-392.11	0.11	0.08	-8.34	
7,131.00	0.35	13.04	7,101.66	393.99	297.08	-392.79	0.15	-0.14	9.25	
7,226.00	0.40	38.62	7,196.65	394.53	297.35	-393.33	0.18	0.05	26.93	
7,321.00	0.44	27.19	7,291.65	395.11	297.72	-393.92	0.10	0.04	-12.03	
7,416.00	0.26	47.50	7,386.65	395.58	298.05	-394.38	0.23	-0.19	21.38	
7,510.00	0.48	215.72	7,480.65	395.41	297.98	-394.21	0.78	0.23	178.96	
7,605.00	0.75	210.80	7,575.64	394.55	297.43	-393.35	0.29	0.28	-5.18	
7,700.00	0.70	204.38	7,670.64	393.49	296.87	-392.29	0.10	-0.05	-6.76	
7,795.00	0.75	190.58	7,765.63	392.35	296.51	-391.15	0.19	0.05	-14.53	
7,890.00	0.79	203.68	7,860.62	391.14	296.14	-389.95	0.19	0.04	13.79	
7,985.00	0.66	216.60	7,955.61	390.10	295.55	-388.91	0.22	-0.14	13.60	
8,080.00	0.70	219.15	8,050.61	389.21	294.86	-388.02	0.05	0.04	2.68	
8,174.00	0.70	248.94	8,144.60	388.56	293.96	-387.37	0.38	0.00	31.69	
8,269.00	0.62	271.09	8,239.59	388.36	292.90	-387.18	0.28	-0.08	23.32	
8,364.00	0.97	287.79	8,334.58	388.61	291.62	-387.44	0.44	0.37	17.58	
8,459.00	1.27	271.71	8,429.57	388.89	289.80	-387.72	0.45	0.32	-16.93	
8,554.00	1.23	260.98	8,524.54	388.76	287.74	-387.60	0.25	-0.04	-11.29	
8,648.00	1.32	250.88	8,618.52	388.25	285.73	-387.10	0.26	0.10	-10.74	
8,743.00	0.88	256.24	8,713.50	387.72	283.98	-386.57	0.48	-0.46	5.64	
8,838.00	0.53	256.15	8,808.50	387.44	282.85	-386.30	0.37	-0.37	-0.09	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,932.00	0.18	161.14	8,902.49	387.20	282.47	-386.06	0.61	-0.37	-101.07
9,027.00	0.13	109.64	8,997.49	387.02	282.62	-385.88	0.15	-0.05	-54.21
9,122.00	0.22	222.84	9,092.49	386.85	282.60	-385.71	0.31	0.09	119.16
9,217.00	0.40	221.17	9,187.49	386.46	282.26	-385.33	0.19	0.19	-1.76
9,312.00	0.48	203.06	9,282.49	385.85	281.88	-384.71	0.17	0.08	-19.06
9,406.00	0.40	188.56	9,376.49	385.16	281.68	-384.03	0.15	-0.09	-15.43
9,501.00	0.66	132.40	9,471.48	384.47	282.04	-383.33	0.58	0.27	-59.12
9,596.00	0.97	118.51	9,566.47	383.71	283.15	-382.57	0.38	0.33	-14.62
9,691.00	0.79	107.61	9,661.46	383.13	284.48	-381.99	0.26	-0.19	-11.47
9,785.00	1.14	90.65	9,755.45	382.92	286.03	-381.77	0.48	0.37	-18.04
9,880.00	1.23	89.77	9,850.43	382.92	287.99	-381.76	0.10	0.09	-0.93
9,975.00	1.01	88.81	9,945.41	382.94	289.85	-381.77	0.23	-0.23	-1.01
10,070.00	0.53	71.75	10,040.40	383.09	291.11	-381.92	0.55	-0.51	-17.96
10,165.00	0.48	87.22	10,135.40	383.25	291.92	-382.08	0.15	-0.05	16.28
10,260.00	0.48	118.16	10,230.39	383.08	292.67	-381.90	0.27	0.00	32.57
10,355.00	0.79	137.06	10,325.39	382.42	293.47	-381.23	0.39	0.33	19.89
10,450.00	1.32	138.73	10,420.37	381.11	294.63	-379.93	0.56	0.56	1.76
10,545.00	1.45	149.98	10,515.34	379.25	295.96	-378.06	0.32	0.14	11.84
10,639.00	1.01	128.36	10,609.32	377.71	297.20	-376.51	0.67	-0.47	-23.00
10,734.00	0.48	84.24	10,704.32	377.23	298.25	-376.03	0.78	-0.56	-46.44
10,829.00	0.35	95.05	10,799.31	377.24	298.94	-376.04	0.16	-0.14	11.38
10,924.00	0.26	91.09	10,894.31	377.21	299.44	-376.01	0.10	-0.09	-4.17
11,018.00	0.26	123.70	10,988.31	377.09	299.83	-375.88	0.16	0.00	34.69
11,113.00	0.48	176.70	11,083.31	376.57	300.04	-375.36	0.40	0.23	55.79
11,208.00	0.62	194.27	11,178.30	375.68	299.93	-374.47	0.23	0.15	18.49
11,303.00	0.75	197.17	11,273.30	374.58	299.62	-373.38	0.14	0.14	3.05
11,398.00	0.92	197.88	11,368.29	373.26	299.20	-372.06	0.18	0.18	0.75
11,492.00	0.97	192.96	11,462.27	371.77	298.79	-370.57	0.10	0.05	-5.23
11,587.00	0.97	185.40	11,557.26	370.19	298.54	-368.99	0.13	0.00	-7.96
11,671.00	0.70	178.10	11,641.25	368.97	298.49	-367.76	0.34	-0.32	-8.69
11,790.00	0.13	173.20	11,760.25	368.11	298.53	-366.90	0.48	-0.48	-4.12
11,837.00	0.22	82.58	11,807.25	368.06	298.62	-366.86	0.55	0.19	-192.81
11,885.00	4.04	175.84	11,855.21	366.39	298.84	-365.19	8.46	7.96	194.29
11,932.00	10.99	181.18	11,901.78	360.25	298.87	-359.05	14.85	14.79	11.36
11,980.00	17.32	178.73	11,948.30	348.52	298.93	-347.32	13.24	13.19	-5.10
12,027.00	20.22	175.95	11,992.79	333.42	299.66	-332.22	6.46	6.17	-5.91
12,074.00	23.36	175.27	12,036.43	316.03	301.00	-314.82	6.70	6.68	-1.45
12,121.00	26.36	174.16	12,079.07	296.36	302.83	-295.14	6.46	6.38	-2.36
12,169.00	28.68	174.27	12,121.64	274.29	305.07	-273.07	4.83	4.83	0.23
12,216.00	31.66	176.22	12,162.27	250.76	307.01	-249.52	6.67	6.34	4.15
12,263.00	35.92	179.03	12,201.32	224.65	308.05	-223.41	9.65	9.06	5.98
12,310.00	41.21	180.25	12,238.06	195.36	308.22	-194.13	11.37	11.26	2.60
12,358.00	45.30	179.30	12,273.01	162.48	308.36	-161.24	8.63	8.52	-1.98

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
12,405.00	49.24	178.93	12,304.89	127.97	308.90	-126.73	8.40	8.38	-0.79
12,425.00	50.93	179.35	12,317.73	112.63	309.12	-111.39	8.61	8.45	2.11
Wellpath Crosses FTP									
12,453.00	53.30	179.91	12,334.92	90.53	309.27	-89.29	8.61	8.46	1.99
12,500.00	58.01	180.52	12,361.43	51.74	309.11	-50.50	10.08	10.02	1.30
PLU 13 DTD 126H FTPp5_330FNL_312FEL									
12,548.00	63.36	180.74	12,384.92	9.90	308.65	-8.66	11.15	11.15	0.46
12,595.00	67.04	180.66	12,404.63	-32.75	308.13	33.99	7.83	7.83	-0.17
12,643.00	70.83	179.51	12,421.88	-77.53	308.07	78.77	8.21	7.90	-2.40
12,690.00	75.01	179.71	12,435.68	-122.45	308.38	123.69	8.90	8.89	0.43
12,737.00	79.42	177.55	12,446.08	-168.26	309.48	169.50	10.40	9.38	-4.60
12,741.80	80.00	177.60	12,446.94	-172.98	309.68	174.22	12.13	12.08	1.06
Wellpath is @ 80°									
12,759.24	82.11	177.78	12,449.65	-190.18	310.37	191.43	12.13	12.08	1.05
PLU 13 DTD 126H LP									
12,784.00	85.10	178.04	12,452.41	-214.78	311.27	216.02	12.13	12.09	1.04
12,832.00	89.58	178.25	12,454.64	-262.69	312.82	263.94	9.34	9.33	0.44
12,927.00	91.08	179.60	12,454.09	-357.66	314.60	358.92	2.12	1.58	1.42
13,022.00	90.20	180.62	12,453.03	-452.66	314.42	453.91	1.42	-0.93	1.07
13,117.00	87.96	179.65	12,454.55	-547.64	314.20	548.89	2.57	-2.36	-1.02
13,211.00	90.90	181.34	12,455.49	-641.61	313.38	642.87	3.61	3.13	1.80
13,306.00	90.07	179.85	12,454.68	-736.60	312.40	737.85	1.80	-0.87	-1.57
13,401.00	90.86	177.06	12,453.91	-831.55	314.96	832.81	3.05	0.83	-2.94
13,496.00	90.55	180.84	12,452.74	-926.51	316.70	927.78	3.99	-0.33	3.98
13,590.00	89.01	183.19	12,453.10	-1,020.45	313.39	1,021.70	2.99	-1.64	2.50
13,690.00	92.97	182.68	12,451.38	-1,120.28	308.27	1,121.51	3.99	3.96	-0.51
13,784.00	89.01	179.35	12,449.75	-1,214.22	306.61	1,215.44	5.50	-4.21	-3.54
13,879.00	90.29	179.09	12,450.33	-1,309.21	307.91	1,310.43	1.37	1.35	-0.27
13,974.00	89.49	177.31	12,450.52	-1,404.15	310.89	1,405.39	2.05	-0.84	-1.87
14,069.00	90.81	177.16	12,450.27	-1,499.04	315.47	1,500.30	1.40	1.39	-0.16
14,164.00	90.42	175.51	12,449.25	-1,593.84	321.54	1,595.12	1.78	-0.41	-1.74
14,258.00	90.02	178.35	12,448.89	-1,687.69	326.58	1,688.99	3.05	-0.43	3.02
14,353.00	88.70	178.79	12,449.95	-1,782.65	328.95	1,783.96	1.46	-1.39	0.46
14,448.00	90.90	180.77	12,450.28	-1,877.64	329.31	1,878.95	3.12	2.32	2.08
14,543.00	88.35	180.37	12,450.90	-1,972.63	328.37	1,973.93	2.72	-2.68	-0.42
14,637.00	90.15	178.72	12,452.13	-2,066.61	329.11	2,067.91	2.60	1.91	-1.76
14,732.00	89.89	178.26	12,452.10	-2,161.58	331.62	2,162.89	0.56	-0.27	-0.48
14,835.00	89.36	178.33	12,452.77	-2,264.53	334.68	2,265.85	0.52	-0.51	0.07
14,930.00	86.81	175.10	12,455.95	-2,359.30	340.12	2,360.65	4.33	-2.68	-3.40
15,024.00	91.56	178.45	12,457.28	-2,453.10	345.40	2,454.47	6.18	5.05	3.56
15,119.00	89.93	179.17	12,456.05	-2,548.07	347.38	2,549.44	1.88	-1.72	0.76
15,214.00	89.67	181.99	12,456.38	-2,643.05	346.41	2,644.42	2.98	-0.27	2.97
15,309.00	91.03	183.57	12,455.80	-2,737.93	341.81	2,739.28	2.19	1.43	1.66
15,404.00	90.02	182.86	12,454.93	-2,832.78	336.48	2,834.11	1.30	-1.06	-0.75

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
15,498.00	91.16	183.62	12,453.96	-2,926.62	331.17	2,927.93	1.46	1.21	0.81	
15,593.00	90.37	182.43	12,452.69	-3,021.48	326.15	3,022.76	1.50	-0.83	-1.25	
15,687.00	90.81	181.54	12,451.73	-3,115.42	322.90	3,116.69	1.06	0.47	-0.95	
15,782.00	90.64	181.54	12,450.52	-3,210.37	320.35	3,211.63	0.18	-0.18	0.00	
15,876.00	91.25	182.97	12,448.97	-3,304.29	316.65	3,305.53	1.65	0.65	1.52	
15,971.00	90.73	182.19	12,447.33	-3,399.17	312.37	3,400.40	0.99	-0.55	-0.82	
16,065.00	91.74	183.24	12,445.31	-3,493.04	307.92	3,494.25	1.55	1.07	1.12	
16,157.00	91.74	183.24	12,442.51	-3,584.85	302.72	3,586.04	0.00	0.00	0.00	
PLU 13 DTD 126H LTPp4_330FSL_314FEL - PLU 13 DTD 126H PBHLp4_200FSL_314FEL										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PLU 13 DTD 126H SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	440,220.30	655,207.50	32.2092868	-103.8315150	
PLU 13 DTD 126H FTP _f - actual wellpath misses target center by 115.25usft at 12500.00usft MD (12361.43 TVD, 51.74 N, 309.11 E) - Point	0.00	0.00	12,459.00	112.90	304.60	440,333.20	655,512.10	32.2095932	-103.8305285	
PLU 13 DTD 126H BHL - actual wellpath misses target center by 6376.19usft at 16157.00usft MD (12442.51 TVD, -3584.85 N, 302.72 E) - Point	0.00	0.00	12,469.34	-9,960.76	356.80	430,259.54	655,564.30	32.1819011	-103.8305120	
PLU 13 DTD 126H PBHL - actual wellpath misses target center by 6335.44usft at 16157.00usft MD (12442.51 TVD, -3584.85 N, 302.72 E) - Rectangle (sides W100.00 H10,031.00 D0.00)	0.00	0.00	12,487.00	-9,920.00	344.00	430,300.30	655,551.50	32.1820133	-103.8305528	
PLU 13 DTD 126H LTP _f - actual wellpath misses target center by 6205.44usft at 16157.00usft MD (12442.51 TVD, -3584.85 N, 302.72 E) - Point	0.00	0.00	12,487.55	-9,790.00	343.50	430,430.30	655,551.00	32.1823706	-103.8305524	
PLU 13 DTD 126H BHL - actual wellpath misses target center by 99990.30usft at 15309.00usft MD (12455.80 TVD, -2737.93 N, 341.81 E) - Point	0.00	0.00	112,442.51	-3,584.85	302.72	436,635.45	655,510.22	32.1994285	-103.8305905	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
12,425.00	12,317.73	+N/-S (usft)	+E/-W (usft)	Wellpath Crosses FTP	
12,741.80	12,446.94	-172.98	309.68	Wellpath is @ 80°	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	126H Lateral AsDrilled	Database:	XTO_EDM

Checked By: _____ Approved By: _____ Date: _____



True Performance
Directional Drilling
5075 E 52nd Street
Odessa, TX 79762
(281)-222-8366

To: New Mexico Energy, Minerals and
Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505 (505) 476-3220

Re: Certified Survey Report / **PLU 13 DTD 13-126H / 30-015-45822**

Via: Electronic Filing

True Performance Directional Drilling, respectfully submits for filing the required directional certified survey performed on the referenced well by True Performance Directional Drilling. Other information required by your office is as follows:

<u>Name & Title of Supervisor</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Greg Wilkie MWD Coordinator	15354' to 22484	12-18-19 to 3-5-20	MWD

The directional MWD surveys performed by True Performance Directional Drilling are attached. A copy of the certified plat on which the final survey is drawn and the projected bottom-hole location is marked and identified is also attached.

Please file this certified survey report. If there are any questions or additional data required, please let me know at your earliest opportunity.

Thank You

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Wilkie'.

Greg Wilkie
MWD Operations Manager

XTO Energy

Eddy County, NM (NAD27) NMEZ Grid

PLU 13 Dog Town Draw

13-126H - Slot PLU 13 DTD 126H SHL

126H L2/ST

Design: 126H L2/ST AsDrilled

Standard Survey Report

13 March, 2020

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_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	PLU 13 Dog Town Draw				
Site Position:		Northing:	440,075.00 usft	Latitude:	32.2089017
From:	Map	Easting:	654,089.10 usft	Longitude:	-103.8351331
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence:	0.27 °

Well	13-126H - Slot PLU 13 DTD 126H SHL					
Well Position	+N/-S	0.00 usft	Northing:	440,220.30 usft	Latitude:	32.2092868
	+E/-W	0.00 usft	Easting:	655,207.50 usft	Longitude:	-103.8315150
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	3,469.00 usft

Wellbore	126H L2/ST				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	02/21/20	6.86	59.90	47,797.00000000

Design	126H L2/ST AsDrilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	15,309.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	179.77	

Survey Program	Date	03/13/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
211.00	11,837.00	Survey #1 (126H Lateral)	MWD	OWSG MWD - Standard	
11,885.00	15,309.00	Survey #2 (126H Lateral)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
15,354.00	22,428.00	Survey #1 (126H L2/ST)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	
22,502.00	22,484.00	Survey #2 (126H L2/ST)	Projection	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PLU 13 DTD 126H SHL										
211.00	0.26	21.66	211.00	0.44	0.18	-0.44	0.12	0.12	0.00	
273.00	0.44	358.54	273.00	0.81	0.22	-0.81	0.36	0.29	-37.29	
335.00	0.88	350.65	334.99	1.52	0.14	-1.52	0.72	0.71	-12.73	
431.00	0.97	352.74	430.98	3.05	-0.08	-3.06	0.10	0.09	2.18	
524.00	1.32	342.72	523.96	4.86	-0.50	-4.86	0.43	0.38	-10.77	
616.00	1.41	350.90	615.94	6.99	-0.99	-6.99	0.23	0.10	8.89	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
709.00	1.93	10.58	708.90	9.66	-0.89	-9.66	0.82	0.56	21.16	
794.00	2.37	15.59	793.84	12.76	-0.15	-12.76	0.56	0.52	5.89	
886.00	2.07	11.90	885.77	16.22	0.70	-16.21	0.36	-0.33	-4.01	
978.00	1.23	7.42	977.73	18.82	1.17	-18.82	0.92	-0.91	-4.87	
1,071.00	0.92	12.87	1,070.71	20.54	1.47	-20.53	0.35	-0.33	5.86	
1,163.00	0.97	19.72	1,162.70	21.99	1.89	-21.98	0.13	0.05	7.45	
1,256.00	0.70	19.99	1,255.69	23.27	2.35	-23.26	0.29	-0.29	0.29	
1,351.00	0.40	15.50	1,350.69	24.13	2.64	-24.12	0.32	-0.32	-4.73	
1,445.00	0.31	57.69	1,444.68	24.58	2.94	-24.57	0.29	-0.10	44.88	
1,540.00	0.75	16.74	1,539.68	25.32	3.34	-25.30	0.58	0.46	-43.11	
1,635.00	0.88	12.52	1,634.67	26.62	3.68	-26.61	0.15	0.14	-4.44	
1,730.00	1.01	18.58	1,729.66	28.13	4.10	-28.11	0.17	0.14	6.38	
1,825.00	0.44	68.42	1,824.65	29.06	4.71	-29.04	0.84	-0.60	52.46	
1,919.00	0.18	99.62	1,918.65	29.17	5.19	-29.14	0.32	-0.28	33.19	
2,014.00	0.84	33.70	2,013.65	29.72	5.72	-29.70	0.83	0.69	-69.39	
2,109.00	1.10	8.65	2,108.63	31.20	6.25	-31.18	0.52	0.27	-26.37	
2,204.00	0.70	19.02	2,203.62	32.65	6.57	-32.62	0.45	-0.42	10.92	
2,298.00	0.53	26.93	2,297.62	33.58	6.96	-33.55	0.20	-0.18	8.41	
2,393.00	0.92	26.14	2,392.61	34.66	7.49	-34.63	0.41	0.41	-0.83	
2,488.00	0.97	34.93	2,487.59	36.00	8.29	-35.97	0.16	0.05	9.25	
2,583.00	1.01	30.18	2,582.58	37.38	9.17	-37.35	0.10	0.04	-5.00	
2,677.00	1.58	44.07	2,676.56	39.03	10.49	-38.99	0.69	0.61	14.78	
2,772.00	2.64	43.19	2,771.49	41.57	12.89	-41.52	1.12	1.12	-0.93	
2,867.00	4.22	44.68	2,866.32	45.65	16.85	-45.58	1.67	1.66	1.57	
2,962.00	4.97	53.03	2,961.01	50.61	22.60	-50.52	1.06	0.79	8.79	
3,056.00	4.88	57.69	3,054.67	55.19	29.23	-55.08	0.44	-0.10	4.96	
3,151.00	5.36	51.54	3,149.29	60.11	36.12	-59.97	0.77	0.51	-6.47	
3,246.00	6.68	47.85	3,243.76	66.58	43.69	-66.41	1.45	1.39	-3.88	
3,341.00	7.65	47.50	3,338.02	74.56	52.45	-74.35	1.02	1.02	-0.37	
3,435.00	8.04	44.07	3,431.14	83.51	61.63	-83.26	0.65	0.41	-3.65	
3,530.00	8.09	40.82	3,525.20	93.34	70.62	-93.06	0.48	0.05	-3.42	
3,625.00	7.43	42.40	3,619.33	102.94	79.14	-102.62	0.73	-0.69	1.66	
3,719.00	6.15	41.08	3,712.67	111.22	86.54	-110.88	1.37	-1.36	-1.40	
3,814.00	5.85	41.78	3,807.15	118.67	93.11	-118.29	0.33	-0.32	0.74	
3,909.00	5.54	44.07	3,901.68	125.57	99.53	-125.17	0.40	-0.33	2.41	
4,003.00	5.05	33.61	3,995.28	132.28	104.97	-131.86	1.15	-0.52	-11.13	
4,035.00	5.10	31.50	4,027.15	134.67	106.50	-134.24	0.60	0.16	-6.59	
4,058.00	5.14	30.18	4,050.06	136.43	107.55	-136.00	0.54	0.17	-5.74	
4,193.00	5.27	35.90	4,184.51	146.68	114.22	-146.22	0.40	0.10	4.24	
4,288.00	6.37	40.38	4,279.02	154.23	120.20	-153.74	1.25	1.16	4.72	
4,383.00	8.79	43.54	4,373.18	163.50	128.61	-162.99	2.58	2.55	3.33	
4,478.00	9.89	44.33	4,466.92	174.60	139.31	-174.04	1.17	1.16	0.83	
4,572.00	10.11	44.60	4,559.49	186.25	150.75	-185.65	0.24	0.23	0.29	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,667.00	9.49	39.76	4,653.11	198.21	161.61	-197.56	1.08	-0.65	-5.09	
4,762.00	8.44	34.93	4,746.94	209.95	170.61	-209.26	1.36	-1.11	-5.08	
4,857.00	8.31	34.05	4,840.93	221.35	178.45	-220.63	0.19	-0.14	-0.93	
4,951.00	8.75	33.43	4,933.89	232.95	186.19	-232.20	0.48	0.47	-0.66	
5,046.00	8.79	32.91	5,027.78	245.07	194.12	-244.29	0.09	0.04	-0.55	
5,141.00	8.70	31.59	5,121.68	257.28	201.82	-256.47	0.23	-0.09	-1.39	
5,236.00	8.70	32.12	5,215.58	269.49	209.41	-268.65	0.08	0.00	0.56	
5,331.00	8.79	31.59	5,309.48	281.76	217.03	-280.88	0.13	0.09	-0.56	
5,425.00	9.10	31.24	5,402.34	294.23	224.65	-293.33	0.33	0.33	-0.37	
5,520.00	8.44	34.58	5,496.23	306.39	232.50	-305.46	0.88	-0.69	3.52	
5,615.00	7.21	39.41	5,590.34	316.74	240.24	-315.77	1.47	-1.29	5.08	
5,710.00	6.77	41.17	5,684.63	325.56	247.71	-324.56	0.52	-0.46	1.85	
5,804.00	6.86	39.67	5,777.97	334.05	254.94	-333.03	0.21	0.10	-1.60	
5,899.00	6.64	39.59	5,872.31	342.65	262.07	-341.60	0.23	-0.23	-0.08	
5,994.00	6.64	39.94	5,966.67	351.10	269.09	-350.01	0.04	0.00	0.37	
6,089.00	6.37	43.10	6,061.06	359.16	276.22	-358.04	0.47	-0.28	3.33	
6,183.00	5.76	43.63	6,154.54	366.38	283.04	-365.24	0.65	-0.65	0.56	
6,278.00	4.66	42.40	6,249.14	372.68	288.93	-371.52	1.16	-1.16	-1.29	
6,373.00	3.21	34.84	6,343.92	377.71	293.05	-376.53	1.62	-1.53	-7.96	
6,468.00	2.11	18.67	6,438.81	381.55	295.13	-380.36	1.39	-1.16	-17.02	
6,562.00	1.89	2.85	6,532.76	384.74	295.76	-383.55	0.63	-0.23	-16.83	
6,657.00	1.54	10.85	6,627.71	387.56	296.08	-386.37	0.45	-0.37	8.42	
6,752.00	1.41	6.80	6,722.68	389.97	296.46	-388.78	0.18	-0.14	-4.26	
6,847.00	0.70	10.85	6,817.67	391.70	296.71	-390.51	0.75	-0.75	4.26	
6,941.00	0.40	12.17	6,911.66	392.59	296.88	-391.39	0.32	-0.32	1.40	
7,036.00	0.48	4.25	7,006.66	393.31	296.98	-392.11	0.11	0.08	-8.34	
7,131.00	0.35	13.04	7,101.66	393.99	297.08	-392.79	0.15	-0.14	9.25	
7,226.00	0.40	38.62	7,196.65	394.53	297.35	-393.33	0.18	0.05	26.93	
7,321.00	0.44	27.19	7,291.65	395.11	297.72	-393.92	0.10	0.04	-12.03	
7,416.00	0.26	47.50	7,386.65	395.58	298.05	-394.38	0.23	-0.19	21.38	
7,510.00	0.48	215.72	7,480.65	395.41	297.98	-394.21	0.78	0.23	178.96	
7,605.00	0.75	210.80	7,575.64	394.55	297.43	-393.35	0.29	0.28	-5.18	
7,700.00	0.70	204.38	7,670.64	393.49	296.87	-392.29	0.10	-0.05	-6.76	
7,795.00	0.75	190.58	7,765.63	392.35	296.51	-391.15	0.19	0.05	-14.53	
7,890.00	0.79	203.68	7,860.62	391.14	296.14	-389.95	0.19	0.04	13.79	
7,985.00	0.66	216.60	7,955.61	390.10	295.55	-388.91	0.22	-0.14	13.60	
8,080.00	0.70	219.15	8,050.61	389.21	294.86	-388.02	0.05	0.04	2.68	
8,174.00	0.70	248.94	8,144.60	388.56	293.96	-387.37	0.38	0.00	31.69	
8,269.00	0.62	271.09	8,239.59	388.36	292.90	-387.18	0.28	-0.08	23.32	
8,364.00	0.97	287.79	8,334.58	388.61	291.62	-387.44	0.44	0.37	17.58	
8,459.00	1.27	271.71	8,429.57	388.89	289.80	-387.72	0.45	0.32	-16.93	
8,554.00	1.23	260.98	8,524.54	388.76	287.74	-387.60	0.25	-0.04	-11.29	
8,648.00	1.32	250.88	8,618.52	388.25	285.73	-387.10	0.26	0.10	-10.74	
8,743.00	0.88	256.24	8,713.50	387.72	283.98	-386.57	0.48	-0.46	5.64	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
8,838.00	0.53	256.15	8,808.50	387.44	282.85	-386.30	0.37	-0.37	-0.09	
8,932.00	0.18	161.14	8,902.49	387.20	282.47	-386.06	0.61	-0.37	-101.07	
9,027.00	0.13	109.64	8,997.49	387.02	282.62	-385.88	0.15	-0.05	-54.21	
9,122.00	0.22	222.84	9,092.49	386.85	282.60	-385.71	0.31	0.09	119.16	
9,217.00	0.40	221.17	9,187.49	386.46	282.26	-385.33	0.19	0.19	-1.76	
9,312.00	0.48	203.06	9,282.49	385.85	281.88	-384.71	0.17	0.08	-19.06	
9,406.00	0.40	188.56	9,376.49	385.16	281.68	-384.03	0.15	-0.09	-15.43	
9,501.00	0.66	132.40	9,471.48	384.47	282.04	-383.33	0.58	0.27	-59.12	
9,596.00	0.97	118.51	9,566.47	383.71	283.15	-382.57	0.38	0.33	-14.62	
9,691.00	0.79	107.61	9,661.46	383.13	284.48	-381.99	0.26	-0.19	-11.47	
9,785.00	1.14	90.65	9,755.45	382.92	286.03	-381.77	0.48	0.37	-18.04	
9,880.00	1.23	89.77	9,850.43	382.92	287.99	-381.76	0.10	0.09	-0.93	
9,975.00	1.01	88.81	9,945.41	382.94	289.85	-381.77	0.23	-0.23	-1.01	
10,070.00	0.53	71.75	10,040.40	383.09	291.11	-381.92	0.55	-0.51	-17.96	
10,165.00	0.48	87.22	10,135.40	383.25	291.92	-382.08	0.15	-0.05	16.28	
10,260.00	0.48	118.16	10,230.39	383.08	292.67	-381.90	0.27	0.00	32.57	
10,355.00	0.79	137.06	10,325.39	382.42	293.47	-381.23	0.39	0.33	19.89	
10,450.00	1.32	138.73	10,420.37	381.11	294.63	-379.93	0.56	0.56	1.76	
10,545.00	1.45	149.98	10,515.34	379.25	295.96	-378.06	0.32	0.14	11.84	
10,639.00	1.01	128.36	10,609.32	377.71	297.20	-376.51	0.67	-0.47	-23.00	
10,734.00	0.48	84.24	10,704.32	377.23	298.25	-376.03	0.78	-0.56	-46.44	
10,829.00	0.35	95.05	10,799.31	377.24	298.94	-376.04	0.16	-0.14	11.38	
10,924.00	0.26	91.09	10,894.31	377.21	299.44	-376.01	0.10	-0.09	-4.17	
11,018.00	0.26	123.70	10,988.31	377.09	299.83	-375.88	0.16	0.00	34.69	
11,113.00	0.48	176.70	11,083.31	376.57	300.04	-375.36	0.40	0.23	55.79	
11,208.00	0.62	194.27	11,178.30	375.68	299.93	-374.47	0.23	0.15	18.49	
11,303.00	0.75	197.17	11,273.30	374.58	299.62	-373.38	0.14	0.14	3.05	
11,398.00	0.92	197.88	11,368.29	373.26	299.20	-372.06	0.18	0.18	0.75	
11,492.00	0.97	192.96	11,462.27	371.77	298.79	-370.57	0.10	0.05	-5.23	
11,587.00	0.97	185.40	11,557.26	370.19	298.54	-368.99	0.13	0.00	-7.96	
11,671.00	0.70	178.10	11,641.25	368.97	298.49	-367.76	0.34	-0.32	-8.69	
11,790.00	0.13	173.20	11,760.25	368.11	298.53	-366.90	0.48	-0.48	-4.12	
11,837.00	0.22	82.58	11,807.25	368.06	298.62	-366.86	0.55	0.19	-192.81	
11,885.00	4.04	175.84	11,855.21	366.39	298.84	-365.19	8.46	7.96	194.29	
11,932.00	10.99	181.18	11,901.78	360.25	298.87	-359.05	14.85	14.79	11.36	
11,980.00	17.32	178.73	11,948.30	348.52	298.93	-347.32	13.24	13.19	-5.10	
12,027.00	20.22	175.95	11,992.79	333.42	299.66	-332.22	6.46	6.17	-5.91	
12,074.00	23.36	175.27	12,036.43	316.03	301.00	-314.82	6.70	6.68	-1.45	
12,121.00	26.36	174.16	12,079.07	296.36	302.83	-295.14	6.46	6.38	-2.36	
12,169.00	28.68	174.27	12,121.64	274.29	305.07	-273.07	4.83	4.83	0.23	
12,216.00	31.66	176.22	12,162.27	250.76	307.01	-249.52	6.67	6.34	4.15	
12,263.00	35.92	179.03	12,201.32	224.65	308.05	-223.41	9.65	9.06	5.98	
12,310.00	41.21	180.25	12,238.06	195.36	308.22	-194.13	11.37	11.26	2.60	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
12,358.00	45.30	179.30	12,273.01	162.48	308.36	-161.24	8.63	8.52	-1.98
12,405.00	49.24	178.93	12,304.89	127.97	308.90	-126.73	8.40	8.38	-0.79
12,453.00	53.30	179.91	12,334.92	90.53	309.27	-89.29	8.61	8.46	2.04
12,500.00	58.01	180.52	12,361.43	51.74	309.11	-50.50	10.08	10.02	1.30
PLU 13 DTD 126H FTPp5_330FNL_312FEL									
12,548.00	63.36	180.74	12,384.92	9.90	308.65	-8.66	11.15	11.15	0.46
12,595.00	67.04	180.66	12,404.63	-32.75	308.13	33.99	7.83	7.83	-0.17
12,643.00	70.83	179.51	12,421.88	-77.53	308.07	78.77	8.21	7.90	-2.40
12,690.00	75.01	179.71	12,435.68	-122.45	308.38	123.69	8.90	8.89	0.43
12,737.00	79.42	177.55	12,446.08	-168.26	309.48	169.50	10.40	9.38	-4.60
12,759.28	82.11	177.78	12,449.66	-190.23	310.37	191.48	12.13	12.08	1.05
PLU 13 DTD 126H LP									
12,784.00	85.10	178.04	12,452.41	-214.78	311.27	216.02	12.13	12.09	1.04
12,832.00	89.58	178.25	12,454.64	-262.69	312.82	263.94	9.34	9.33	0.44
12,927.00	91.08	179.60	12,454.09	-357.66	314.60	358.92	2.12	1.58	1.42
13,022.00	90.20	180.62	12,453.03	-452.66	314.42	453.91	1.42	-0.93	1.07
13,117.00	87.96	179.65	12,454.55	-547.64	314.20	548.89	2.57	-2.36	-1.02
13,211.00	90.90	181.34	12,455.49	-641.61	313.38	642.87	3.61	3.13	1.80
13,306.00	90.07	179.85	12,454.68	-736.60	312.40	737.85	1.80	-0.87	-1.57
13,401.00	90.86	177.06	12,453.91	-831.55	314.96	832.81	3.05	0.83	-2.94
13,496.00	90.55	180.84	12,452.74	-926.51	316.70	927.78	3.99	-0.33	3.98
13,590.00	89.01	183.19	12,453.10	-1,020.45	313.39	1,021.70	2.99	-1.64	2.50
13,690.00	92.97	182.68	12,451.38	-1,120.28	308.27	1,121.51	3.99	3.96	-0.51
13,784.00	89.01	179.35	12,449.75	-1,214.22	306.61	1,215.44	5.50	-4.21	-3.54
13,879.00	90.29	179.09	12,450.33	-1,309.21	307.91	1,310.43	1.37	1.35	-0.27
13,974.00	89.49	177.31	12,450.52	-1,404.15	310.89	1,405.39	2.05	-0.84	-1.87
14,069.00	90.81	177.16	12,450.27	-1,499.04	315.47	1,500.30	1.40	1.39	-0.16
14,164.00	90.42	175.51	12,449.25	-1,593.84	321.54	1,595.12	1.78	-0.41	-1.74
14,258.00	90.02	178.35	12,448.89	-1,687.69	326.58	1,688.99	3.05	-0.43	3.02
14,353.00	88.70	178.79	12,449.95	-1,782.65	328.95	1,783.96	1.46	-1.39	0.46
14,448.00	90.90	180.77	12,450.28	-1,877.64	329.31	1,878.95	3.12	2.32	2.08
14,543.00	88.35	180.37	12,450.90	-1,972.63	328.37	1,973.93	2.72	-2.68	-0.42
14,637.00	90.15	178.72	12,452.13	-2,066.61	329.11	2,067.91	2.60	1.91	-1.76
14,732.00	89.89	178.26	12,452.10	-2,161.58	331.62	2,162.89	0.56	-0.27	-0.48
14,835.00	89.36	178.33	12,452.77	-2,264.53	334.68	2,265.85	0.52	-0.51	0.07
14,930.00	86.81	175.10	12,455.95	-2,359.30	340.12	2,360.65	4.33	-2.68	-3.40
15,024.00	91.56	178.45	12,457.28	-2,453.10	345.40	2,454.47	6.18	5.05	3.56
15,119.00	89.93	179.17	12,456.05	-2,548.07	347.38	2,549.44	1.88	-1.72	0.76
15,214.00	89.67	181.99	12,456.38	-2,643.05	346.41	2,644.42	2.98	-0.27	2.97
15,309.00	91.03	183.57	12,455.80	-2,737.93	341.81	2,739.28	2.19	1.43	1.66
15,354.00	90.07	185.07	12,455.37	-2,782.80	338.42	2,784.14	3.96	-2.13	3.33
15,401.00	90.42	187.18	12,455.17	-2,829.53	333.40	2,830.85	4.55	0.74	4.49
15,449.00	87.96	187.18	12,455.85	-2,877.15	327.41	2,878.44	5.12	-5.12	0.00
15,494.00	88.44	187.07	12,457.26	-2,921.78	321.83	2,923.04	1.09	1.07	-0.24

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
15,544.00	88.48	187.18	12,458.60	-2,971.37	315.63	2,972.62	0.23	0.08	0.22	
15,591.00	88.18	187.16	12,459.97	-3,017.99	309.76	3,019.20	0.64	-0.64	-0.04	
15,638.00	90.24	184.57	12,460.62	-3,064.73	304.96	3,065.93	7.04	4.38	-5.51	
15,685.00	90.68	182.34	12,460.24	-3,111.64	302.13	3,112.83	4.84	0.94	-4.74	
15,733.00	90.24	182.17	12,459.86	-3,159.60	300.24	3,160.78	0.98	-0.92	-0.35	
15,780.00	88.92	181.70	12,460.20	-3,206.57	298.65	3,207.74	2.98	-2.81	-1.00	
15,827.00	89.76	181.95	12,460.74	-3,253.54	297.16	3,254.71	1.86	1.79	0.53	
15,874.00	90.15	182.59	12,460.78	-3,300.51	295.30	3,301.66	1.59	0.83	1.36	
15,922.00	91.91	182.38	12,459.92	-3,348.45	293.21	3,349.60	3.69	3.67	-0.44	
15,969.00	89.89	177.98	12,459.18	-3,395.43	293.07	3,396.58	10.30	-4.30	-9.36	
16,016.00	89.58	176.20	12,459.40	-3,442.37	295.45	3,443.53	3.84	-0.66	-3.79	
16,111.00	93.27	178.71	12,457.03	-3,537.22	299.67	3,538.40	4.70	3.88	2.64	
16,205.00	90.07	178.03	12,454.30	-3,631.13	302.34	3,632.31	3.48	-3.40	-0.72	
16,300.00	89.14	179.63	12,454.95	-3,726.10	304.28	3,727.30	1.95	-0.98	1.68	
16,394.00	91.21	178.21	12,454.66	-3,820.08	306.06	3,821.28	2.67	2.20	-1.51	
16,489.00	88.84	175.57	12,454.62	-3,914.92	311.21	3,916.14	3.73	-2.49	-2.78	
16,584.00	90.99	179.26	12,454.76	-4,009.81	315.49	4,011.04	4.50	2.26	3.88	
16,678.00	88.66	179.40	12,455.05	-4,103.79	316.59	4,105.03	2.48	-2.48	0.15	
16,773.00	89.14	179.65	12,456.87	-4,198.77	317.38	4,200.01	0.57	0.51	0.26	
16,867.00	90.46	179.83	12,457.20	-4,292.77	317.81	4,294.01	1.42	1.40	0.19	
16,961.00	93.93	180.09	12,453.60	-4,386.68	317.87	4,387.92	3.70	3.69	0.28	
17,056.00	87.03	178.36	12,452.81	-4,481.61	319.16	4,482.86	7.49	-7.26	-1.82	
17,152.00	88.35	179.21	12,456.68	-4,577.51	321.19	4,578.76	1.64	1.37	0.89	
17,247.00	87.91	177.99	12,459.78	-4,672.43	323.51	4,673.69	1.36	-0.46	-1.28	
17,342.00	87.38	176.52	12,463.68	-4,767.23	328.05	4,768.51	1.64	-0.56	-1.55	
17,436.00	86.42	177.53	12,468.76	-4,860.97	332.93	4,862.27	1.48	-1.02	1.07	
17,531.00	85.80	178.74	12,475.21	-4,955.70	336.01	4,957.01	1.43	-0.65	1.27	
17,625.00	87.56	178.93	12,480.65	-5,049.52	337.92	5,050.83	1.88	1.87	0.20	
17,720.00	89.01	178.39	12,483.50	-5,144.44	340.14	5,145.77	1.63	1.53	-0.57	
17,815.00	90.95	179.46	12,483.53	-5,239.42	341.92	5,240.75	2.33	2.04	1.13	
17,909.00	89.27	179.10	12,483.35	-5,333.41	343.10	5,334.75	1.83	-1.79	-0.38	
18,004.00	90.11	180.99	12,483.86	-5,428.40	343.03	5,429.74	2.18	0.88	1.99	
18,099.00	89.41	180.79	12,484.26	-5,523.39	341.55	5,524.72	0.77	-0.74	-0.21	
18,193.00	90.99	181.27	12,483.93	-5,617.37	339.86	5,618.69	1.76	1.68	0.51	
18,288.00	90.90	180.82	12,482.37	-5,712.34	338.13	5,713.66	0.48	-0.09	-0.47	
18,383.00	91.30	181.01	12,480.54	-5,807.31	336.61	5,808.62	0.47	0.42	0.20	
18,477.00	88.31	180.77	12,480.86	-5,901.29	335.15	5,902.59	3.19	-3.18	-0.26	
18,572.00	93.49	180.25	12,479.37	-5,996.24	334.31	5,997.54	5.48	5.45	-0.55	
18,666.00	93.67	180.45	12,473.50	-6,090.06	333.74	6,091.35	0.29	0.19	0.21	
18,761.00	88.75	178.60	12,471.49	-6,185.00	334.52	6,186.29	5.53	-5.18	-1.95	
18,855.00	92.88	178.82	12,470.16	-6,278.95	336.64	6,280.25	4.40	4.39	0.23	
18,950.00	91.69	178.52	12,466.37	-6,373.84	338.84	6,375.15	1.29	-1.25	-0.32	
19,044.00	92.35	179.34	12,463.06	-6,467.77	340.60	6,469.08	1.12	0.70	0.87	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
19,139.00	90.37	181.75	12,460.80	-6,562.72	339.69	6,564.04	3.28	-2.08	2.54	
19,234.00	88.66	182.57	12,461.61	-6,657.65	336.11	6,658.94	2.00	-1.80	0.86	
19,328.00	89.67	181.48	12,462.98	-6,751.58	332.79	6,752.86	1.58	1.07	-1.16	
19,423.00	86.77	180.23	12,465.93	-6,846.51	331.37	6,847.78	3.32	-3.05	-1.32	
19,518.00	90.42	181.45	12,468.26	-6,941.45	329.98	6,942.72	4.05	3.84	1.28	
19,613.00	89.63	179.30	12,468.21	-7,036.44	329.36	7,037.71	2.41	-0.83	-2.26	
19,707.00	90.73	180.26	12,467.92	-7,130.44	329.72	7,131.71	1.55	1.17	1.02	
19,802.00	88.09	177.78	12,468.90	-7,225.41	331.35	7,226.68	3.81	-2.78	-2.61	
19,896.00	88.97	178.07	12,471.31	-7,319.31	334.75	7,320.60	0.99	0.94	0.31	
19,991.00	90.07	175.38	12,472.10	-7,414.14	340.17	7,415.45	3.06	1.16	-2.83	
20,086.00	89.54	175.60	12,472.43	-7,508.85	347.64	7,510.18	0.60	-0.56	0.23	
20,180.00	89.98	178.67	12,472.82	-7,602.72	352.34	7,604.07	3.30	0.47	3.27	
20,275.00	89.32	178.52	12,473.40	-7,697.69	354.67	7,699.05	0.71	-0.69	-0.16	
20,369.00	90.33	179.41	12,473.69	-7,791.67	356.37	7,793.04	1.43	1.07	0.95	
20,464.00	89.71	179.11	12,473.66	-7,886.66	357.60	7,888.03	0.73	-0.65	-0.32	
20,559.00	93.05	179.63	12,471.37	-7,981.61	358.64	7,982.99	3.56	3.52	0.55	
20,653.00	90.73	181.19	12,468.27	-8,075.55	357.97	8,076.92	2.97	-2.47	1.66	
20,748.00	89.67	183.30	12,467.94	-8,170.47	354.25	8,171.83	2.49	-1.12	2.22	
20,842.00	90.11	183.23	12,468.12	-8,264.32	348.89	8,265.65	0.47	0.47	-0.07	
20,937.00	90.51	182.33	12,467.60	-8,359.20	344.28	8,360.52	1.04	0.42	-0.95	
21,032.00	86.15	182.30	12,470.37	-8,454.06	340.45	8,455.36	4.59	-4.59	-0.03	
21,126.00	90.24	183.04	12,473.33	-8,547.89	336.07	8,549.17	4.42	4.35	0.79	
21,221.00	90.77	182.67	12,472.49	-8,642.77	331.34	8,644.03	0.68	0.56	-0.39	
21,316.00	91.25	182.79	12,470.82	-8,737.65	326.82	8,738.89	0.52	0.51	0.13	
21,410.00	90.73	181.32	12,469.19	-8,831.57	323.45	8,832.80	1.66	-0.55	-1.56	
21,505.00	87.52	179.61	12,470.65	-8,926.54	322.68	8,927.77	3.83	-3.38	-1.80	
21,600.00	89.10	179.42	12,473.45	-9,021.49	323.48	9,022.72	1.68	1.66	-0.20	
21,695.00	88.70	177.22	12,475.27	-9,116.43	326.26	9,117.67	2.35	-0.42	-2.32	
21,790.00	92.48	177.53	12,474.29	-9,211.31	330.61	9,212.56	3.99	3.98	0.33	
21,884.00	89.63	177.01	12,472.56	-9,305.17	335.09	9,306.45	3.08	-3.03	-0.55	
21,979.00	89.23	177.11	12,473.51	-9,400.04	339.96	9,401.33	0.43	-0.42	0.11	
22,074.00	91.03	178.35	12,473.29	-9,494.96	343.73	9,496.27	2.30	1.89	1.31	
22,169.00	90.55	178.37	12,471.98	-9,589.92	346.44	9,591.23	0.51	-0.51	0.02	
22,264.00	90.51	178.65	12,471.10	-9,684.88	348.91	9,686.20	0.30	-0.04	0.29	
22,359.00	90.51	178.77	12,470.26	-9,779.85	351.05	9,781.18	0.13	0.00	0.13	
22,368.83	90.47	178.67	12,470.17	-9,789.68	351.27	9,791.01	1.13	-0.39	-1.06	
PLU 13 DTD 126H LTPp4_330FSL_314FEL										
22,369.00	90.47	178.66	12,470.17	-9,789.85	351.28	9,791.18	1.13	-0.39	-1.06	
Wellpath Crosses LTP										
22,428.00	90.24	178.04	12,469.81	-9,848.82	352.97	9,850.16	1.13	-0.39	-1.06	
22,484.00	90.24	178.04	12,469.57	-9,904.79	354.89	9,906.13	0.00	0.00	0.00	
PLU 13 DTD 126H PBHLp4_200FSL_314FEL										

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-126H - Slot PLU 13 DTD 126H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Site:	PLU 13 Dog Town Draw	MD Reference:	3469+30 @ 3499.00usft (HP549 tp...)
Well:	13-126H	North Reference:	Grid
Wellbore:	126H L2/ST	Survey Calculation Method:	Minimum Curvature
Design:	126H L2/ST AsDrilled	Database:	XTO_EDM

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PLU 13 DTD 126H SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	440,220.30	655,207.50	32.2092868	-103.8315150
PLU 13 DTD 126H BHL - actual wellpath misses target center by 12.61usft at 16159.11usft MD (12454.98 TVD, -3585.27 N, 300.90 E) - Point	0.00	0.00	12,442.5 1	-3,584.85	302.72	436,635.45	655,510.22	32.1994285	-103.8305905
PLU 13 DTD 126H FTP - actual wellpath misses target center by 115.25usft at 12500.00usft MD (12361.43 TVD, 51.74 N, 309.11 E) - Point	0.00	0.00	12,459.0 0	112.90	304.60	440,333.20	655,512.10	32.2095932	-103.8305285
PLU 13 DTD 126H BHL - actual wellpath hits target center - Point	0.00	0.00	12,469.5 7	-9,904.79	354.89	430,315.51	655,562.39	32.1820549	-103.8305173
PLU 13 DTD 126H PBH - actual wellpath misses target center by 25.57usft at 22484.00usft MD (12469.57 TVD, -9904.79 N, 354.89 E) - Rectangle (sides W100.00 H10,031.00 D0.00)	0.00	0.00	12,487.0 0	-9,920.00	344.00	430,300.30	655,551.50	32.1820133	-103.8305528
PLU 13 DTD 126H LTP - actual wellpath misses target center by 19.04usft at 22368.83usft MD (12470.17 TVD, -9789.68 N, 351.27 E) - Point	0.00	0.00	12,487.5 5	-9,790.00	343.50	430,430.30	655,551.00	32.1823706	-103.8305524

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
22,369.00	12,470.17	-9,789.85	351.28	Wellpath Crosses LTP	

Checked By: _____	Approved By: _____	Date: _____
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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								1. WELL API NO. 30-015-45822		
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 POKER LAKE UNIT 13 DTD		
								6. Well Number: 126H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 373075				
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat PURPLE SAGE;WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	24	24S	30E		442	North	1955	East	Eddy
BH:	O	25	24S	30E		159	South	1637	East	Eddy
13. Date Spudded 12/23/2019	14. Date T.D. Reached 3/1/2020		15. Date Rig Released 3/6/2020		16. Date Completed (Ready to Produce) 6/5/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3469' GL		
18. Total Measured Depth of Well 21,559			19. Plug Back Measured Depth 21,547		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,949 - 21,393 PURPLE SAGE;WOLFCAMP (GAS)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
16"		75.0		770'		18 1/2"		665		
11 3/4"		54.5		4139'		14 3/4"		2285		
8 5/8"		31.99		11752'		10 5/8"		3190		
5 1/2"		23.0		22484'		7 7/8"		3350		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	11,881	11,864		
26. Perforation record (interval, size, and number) 12,786 - 22,333 2spf, 1152 Total Shots 48 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,786 - 22,333		501,156 bbl fluid + 23,878,710 lbs proppant		
28. PRODUCTION										
Date First Production 6/6/21		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/8/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1017	Gas - MCF 6177	Water - Bbl. 6822	Gas - Oil Ratio 6074			
Flow Tubing Press. 1136	Casing Pressure 1444	Calculated 24-Hour Rate	Oil - Bbl. 1017	Gas - MCF 6177	Water - Bbl. 6822	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) 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 		Printed Name Cassie Evans			Title Regulatory Analyst			Date 08/19/21		
E-mail Address cassie.evans@exxonmobil.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 927'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4009'	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 4214'	T. Morrison	
T. Drinkard	T. Bone Springs 8077'	T. Todilto	
T. Abo	T. Rustler 551'	T. Entrada	
T. Wolfcamp 11413'	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 42799

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 42799
	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 42799

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 42799
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	10/4/2021