

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 - 015-45817	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 106H

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		477	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		154	South	1553	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	wtr/gas

IV. Well Completion Data

²¹ Spud Date 12/24/2019	²² Ready Date 6/3/2021	²³ TD 21559 MD 11576 TVD	²⁴ PBTB 21547 MD 11576 TVD	²⁵ Perforations 11,949 - 21,393	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
17.5	13.375	773		1040	
12.25	9.625	4131		1650	
8.75	7.0	11902		1950	
6	4.5	10855 - 21549		809	

V. Well Test Data

³¹ Date New Oil 6/5/21	³² Gas Delivery Date 6/15/21	³³ Test Date 6/15/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1448	³⁶ Csg. Pressure 821
³⁷ Choke Size	³⁸ Oil 1678	³⁹ Water 5088	⁴⁰ Gas 4802		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: <i>Cassie Evans</i>			OIL CONSERVATION DIVISION		
Printed name: Cassie Evans			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: cassie.evans@exxonmobil.com			Approval Date: 09/15/2021		
Date: 08/10/2021		Phone: 432.215.3671			

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 30-015-45817	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 106H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,468'

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		477	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		154	SOUTH	1,553	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

16 SEC. 13 SEC. 18 SEC. 24 SEC. 19 SEC. 25 SEC. 30 SEC. 36 SEC. 31 K.O.P. MD=10,874' S.H.L. F.T.P. MD=11,949' 330' L.T.P. MD=21,393' B.H.L. 1,554' 1,553' 377' 154'	SHL (NAD83 NME) Y = 440,244.1 X = 696,391.9 LAT. = 32.209314 "N LONG. = 103.831999 "W KOP (NAD83 NME) Y = 440,665.6 X = 696,781.3 LAT. = 32.210468 "N LONG. = 103.830734 "W FTP (NAD83 NME) Y = 439,978.8 X = 696,791.8 LAT. = 32.208580 "N LONG. = 103.830710 "W CORNER COORDINATES (NAD83 NME) <table border="0"> <tr><td>A - Y = 440,718.6 N</td><td>X = 695,668.2 E</td></tr> <tr><td>B - Y = 438,079.8 N</td><td>X = 695,677.6 E</td></tr> <tr><td>C - Y = 435,438.2 N</td><td>X = 695,687.0 E</td></tr> <tr><td>D - Y = 432,798.6 N</td><td>X = 695,700.7 E</td></tr> <tr><td>E - Y = 430,157.5 N</td><td>X = 695,714.4 E</td></tr> <tr><td>F - Y = 440,723.1 N</td><td>X = 697,006.5 E</td></tr> <tr><td>G - Y = 438,084.4 N</td><td>X = 697,016.3 E</td></tr> <tr><td>H - Y = 435,442.2 N</td><td>X = 697,026.2 E</td></tr> <tr><td>I - Y = 432,801.0 N</td><td>X = 697,038.3 E</td></tr> <tr><td>J - Y = 430,159.4 N</td><td>X = 697,050.5 E</td></tr> </table> SHL (NAD27 NME) Y = 440,185.1 X = 655,208.1 LAT. = 32.209190 "N LONG. = 103.831514 "W KOP (NAD27 NME) Y = 440,606.6 X = 655,597.5 LAT. = 32.210344 "N LONG. = 103.830248 "W FTP (NAD27 NME) Y = 439,919.8 X = 655,608.0 LAT. = 32.208456 "N LONG. = 103.830225 "W CORNER COORDINATES (NAD27 NME) <table border="0"> <tr><td>A - Y = 440,659.6 N</td><td>X = 654,484.4 E</td></tr> <tr><td>B - Y = 438,020.9 N</td><td>X = 654,493.7 E</td></tr> <tr><td>C - Y = 435,379.3 N</td><td>X = 654,503.0 E</td></tr> <tr><td>D - Y = 432,739.8 N</td><td>X = 654,516.6 E</td></tr> <tr><td>E - Y = 430,098.8 N</td><td>X = 654,530.2 E</td></tr> <tr><td>F - Y = 440,664.1 N</td><td>X = 655,822.7 E</td></tr> <tr><td>G - Y = 438,025.5 N</td><td>X = 655,832.4 E</td></tr> <tr><td>H - Y = 435,383.3 N</td><td>X = 655,842.2 E</td></tr> <tr><td>I - Y = 432,742.2 N</td><td>X = 655,854.2 E</td></tr> <tr><td>J - Y = 430,100.7 N</td><td>X = 655,866.3 E</td></tr> </table>	A - Y = 440,718.6 N	X = 695,668.2 E	B - Y = 438,079.8 N	X = 695,677.6 E	C - Y = 435,438.2 N	X = 695,687.0 E	D - Y = 432,798.6 N	X = 695,700.7 E	E - Y = 430,157.5 N	X = 695,714.4 E	F - Y = 440,723.1 N	X = 697,006.5 E	G - Y = 438,084.4 N	X = 697,016.3 E	H - Y = 435,442.2 N	X = 697,026.2 E	I - Y = 432,801.0 N	X = 697,038.3 E	J - Y = 430,159.4 N	X = 697,050.5 E	A - Y = 440,659.6 N	X = 654,484.4 E	B - Y = 438,020.9 N	X = 654,493.7 E	C - Y = 435,379.3 N	X = 654,503.0 E	D - Y = 432,739.8 N	X = 654,516.6 E	E - Y = 430,098.8 N	X = 654,530.2 E	F - 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. <i>Cassie Evans</i> 08/10/2021 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. 8-9-2021 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number JC 2018010153
A - Y = 440,718.6 N	X = 695,668.2 E																																									
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Intent ☐ As Drilled ☒

API # 30-015-45817		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 13 DTD	Well Number 106H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	24	24S	30E		57	FNL	1,564	FEL	EDDY
Latitude 32.210468					Longitude 103.830734				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	24	24S	30E		744	FNL	1,556	FEL	EDDY
Latitude 32.208580					Longitude 103.830710				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	25	24S	30E		377	FSL	1,554	FEL	EDDY
Latitude 32.182621					Longitude 103.830726				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 106H/ 30-015-45817**

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	145' to 21599'	12-24-19 TO 3-14-20	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

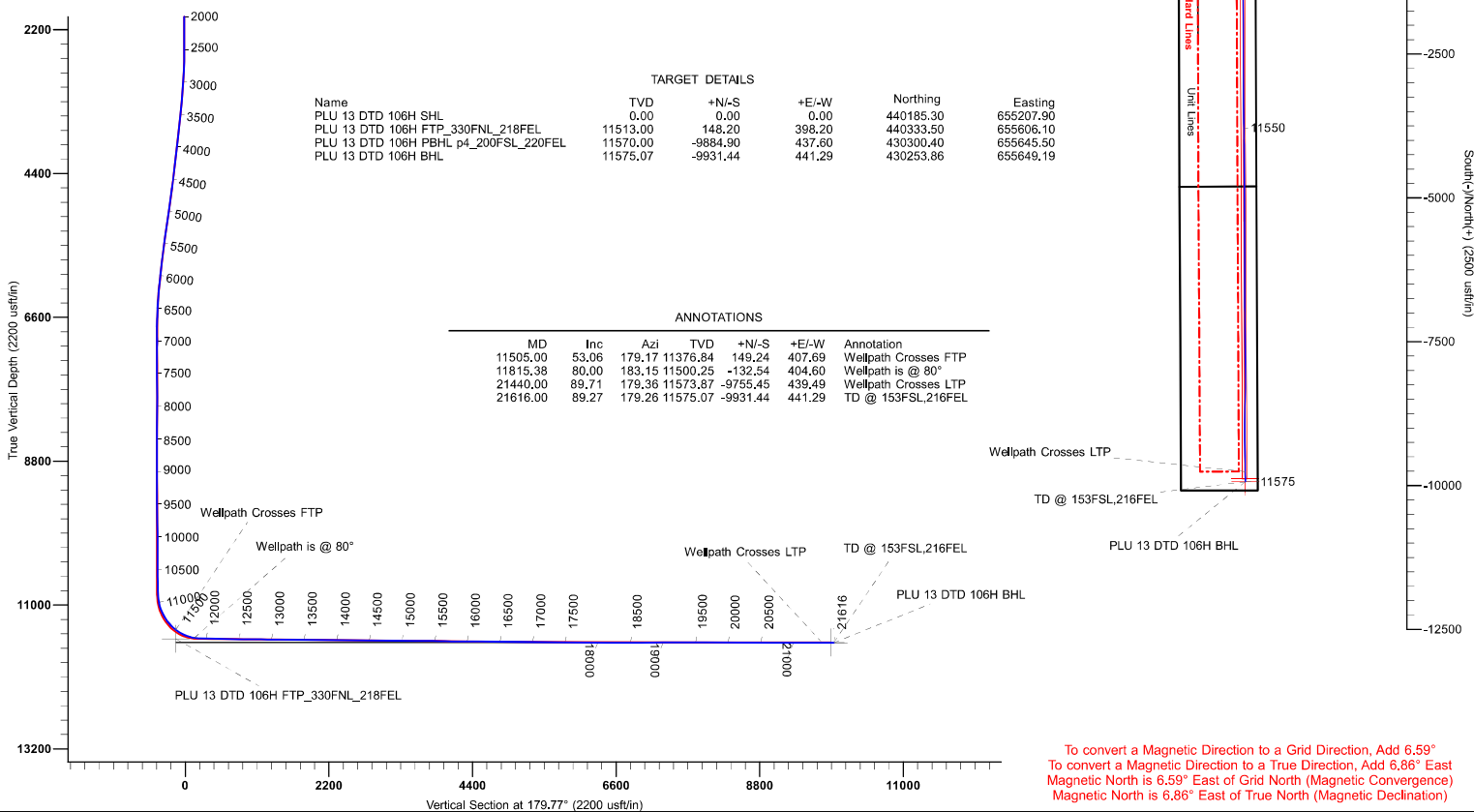
Project: Eddy County, NM (NAD27) NMEZ Grid
 Site: PLU 13 Dog Town Draw
 Well: 13-106H
 Wellbore: 106H Lateral
 Design: 106H Lateral AsDrilled

3468+30 @ 3498.00usft (HP549 tp...)
 NAD 1927 (NADCON CONUS)



Azimuths to Grid North
 True North: -0.27°
 Magnetic North: 6.59°

Magnetic Field
 Strength: 47796.0nT
 Dip Angle: 59.90°
 Date: 03/08/2020
 Model: IFR



Design: 106H Lateral AsDrilled (13-106H/106H Lateral)
 Created By: Mekka Williams
 eSomina Well Design
 mekka@esominawelldesign.com
 15:39, March 30 2020

TRUE PERFORMANCE DIRECTIONAL
 5075 E 52ND ST, ODESSA TX 79762
 903-777-6827



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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	13-106H - Slot PLU 13 DTD 106H SHL					
Well Position	+N/-S	0.00 usft	Northing:	440,185.30 usft	Latitude:	32.2091906
	+E/-W	0.00 usft	Easting:	655,207.90 usft	Longitude:	-103.8315142
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,468.00 usft

Wellbore	106H Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	03/06/20	6.86	59.90	47,796.00000000

Design	106H 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	03/30/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
145.00	1,132.00	Survey #1 (106H Lateral)	MWD	OWSG MWD - Standard	
1,225.00	21,559.00	Survey #2 (106H Lateral)	MWD	OWSG MWD - Standard	
21,616.00	21,616.00	Survey #3 (106H 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 106H SHL										
145.00	0.62	208.07	145.00	-0.69	-0.37	0.69	0.43	0.43	0.00	
242.00	0.70	235.76	241.99	-1.49	-1.11	1.48	0.34	0.08	28.55	
335.00	0.62	263.00	334.99	-1.87	-2.07	1.86	0.34	-0.09	29.29	
432.00	0.79	308.97	431.98	-1.51	-3.12	1.50	0.59	0.18	47.39	
524.00	1.06	310.47	523.97	-0.56	-4.26	0.54	0.29	0.29	1.63	
616.00	1.06	331.38	615.95	0.74	-5.31	-0.76	0.42	0.00	22.73	
709.00	1.32	353.80	708.93	2.56	-5.84	-2.58	0.57	0.28	24.11	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)
730.00	1.32	352.04	729.93	3.04	-5.90	-3.06	0.19	0.00	-8.38
793.00	1.58	344.83	792.91	4.59	-6.23	-4.62	0.50	0.41	-11.44
855.00	1.32	342.46	854.89	6.10	-6.67	-6.13	0.43	-0.42	-3.82
947.00	1.06	342.63	946.87	7.92	-7.24	-7.95	0.28	-0.28	0.18
1,040.00	1.14	7.16	1,039.85	9.66	-7.38	-9.69	0.51	0.09	26.38
1,132.00	1.41	43.28	1,131.83	11.39	-6.49	-11.42	0.90	0.29	39.26
1,225.00	1.58	57.25	1,224.80	12.92	-4.63	-12.94	0.43	0.18	15.02
1,319.00	0.62	46.09	1,318.78	13.97	-3.17	-13.99	1.04	-1.02	-11.87
1,414.00	0.70	64.28	1,413.77	14.58	-2.28	-14.59	0.23	0.08	19.15
1,509.00	1.06	73.78	1,508.76	15.08	-0.91	-15.08	0.41	0.38	10.00
1,604.00	0.79	93.38	1,603.75	15.29	0.59	-15.28	0.43	-0.28	20.63
1,699.00	0.44	87.58	1,698.74	15.26	1.60	-15.26	0.37	-0.37	-6.11
1,793.00	0.79	42.05	1,792.74	15.76	2.40	-15.75	0.61	0.37	-48.44
1,888.00	0.53	1.97	1,887.73	16.69	2.85	-16.67	0.54	-0.27	-42.19
1,983.00	0.26	335.51	1,982.73	17.32	2.78	-17.31	0.34	-0.28	-27.85
2,078.00	0.62	164.74	2,077.73	17.02	2.82	-17.01	0.92	0.38	-179.76
2,172.00	0.35	174.06	2,171.72	16.24	2.99	-16.23	0.30	-0.29	9.91
2,267.00	0.44	95.05	2,266.72	15.92	3.38	-15.91	0.53	0.09	-83.17
2,362.00	0.44	35.10	2,361.72	16.19	3.95	-16.17	0.46	0.00	-63.11
2,457.00	0.70	109.90	2,456.72	16.29	4.71	-16.27	0.76	0.27	78.74
2,552.00	2.20	92.76	2,551.68	16.01	7.08	-15.98	1.63	1.58	-18.04
2,646.00	3.78	78.61	2,645.55	16.53	11.92	-16.48	1.84	1.68	-15.05
2,741.00	5.01	64.81	2,740.28	18.92	18.74	-18.84	1.70	1.29	-14.53
2,836.00	6.24	60.07	2,834.82	23.26	26.97	-23.15	1.38	1.29	-4.99
2,930.00	7.39	58.66	2,928.15	28.95	36.56	-28.80	1.24	1.22	-1.50
3,025.00	7.83	51.80	3,022.32	36.13	46.86	-35.94	1.06	0.46	-7.22
3,120.00	8.00	53.21	3,116.41	44.09	57.24	-43.86	0.27	0.18	1.48
3,215.00	8.44	55.67	3,210.44	51.98	68.30	-51.71	0.59	0.46	2.59
3,309.00	8.27	57.52	3,303.44	59.50	79.69	-59.18	0.34	-0.18	1.97
3,404.00	7.91	56.90	3,397.49	66.74	90.93	-66.38	0.39	-0.38	-0.65
3,499.00	8.44	52.16	3,491.53	74.59	101.92	-74.18	0.90	0.56	-4.99
3,594.00	8.53	50.05	3,585.49	83.39	112.82	-82.94	0.34	0.09	-2.22
3,688.00	8.09	44.25	3,678.50	92.60	122.78	-92.11	1.01	-0.47	-6.17
3,783.00	8.00	38.00	3,772.57	102.60	131.52	-102.07	0.93	-0.09	-6.58
3,878.00	8.62	40.73	3,866.57	113.21	140.23	-112.64	0.77	0.65	2.87
3,972.00	8.44	42.84	3,959.53	123.60	149.52	-123.00	0.38	-0.19	2.24
4,045.00	8.27	40.20	4,031.76	131.54	156.55	-130.91	0.57	-0.23	-3.62
4,159.00	8.62	35.90	4,144.52	144.72	166.85	-144.05	0.63	0.31	-3.77
4,254.00	7.91	32.56	4,238.54	156.00	174.55	-155.30	0.90	-0.75	-3.52
4,349.00	8.35	35.02	4,332.58	167.16	182.02	-166.43	0.59	0.46	2.59
4,444.00	9.58	34.14	4,426.42	179.35	190.42	-178.58	1.30	1.29	-0.93
4,538.00	9.32	33.52	4,519.14	192.17	199.01	-191.37	0.30	-0.28	-0.66
4,633.00	8.88	40.55	4,612.95	204.16	208.03	-203.32	1.26	-0.46	7.40

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)	
4,728.00	9.41	40.55	4,706.74	215.63	217.84	-214.75	0.56	0.56	0.00	
4,823.00	9.85	36.25	4,800.40	228.08	227.70	-227.17	0.89	0.46	-4.53	
4,918.00	10.20	36.77	4,893.95	241.37	237.54	-240.42	0.38	0.37	0.55	
5,012.00	10.64	38.09	4,986.40	254.87	247.87	-253.87	0.53	0.47	1.40	
5,107.00	10.02	36.07	5,079.86	268.45	258.15	-267.41	0.76	-0.65	-2.13	
5,202.00	9.41	35.46	5,173.50	281.46	267.52	-280.38	0.65	-0.64	-0.64	
5,297.00	9.58	34.49	5,267.20	294.30	276.50	-293.19	0.25	0.18	-1.02	
5,391.00	9.94	39.67	5,359.84	306.99	286.11	-305.84	1.01	0.38	5.51	
5,486.00	10.55	40.38	5,453.33	319.93	296.98	-318.73	0.66	0.64	0.75	
5,581.00	10.64	39.85	5,546.71	333.29	308.23	-332.05	0.14	0.09	-0.56	
5,676.00	10.11	39.15	5,640.15	346.49	319.12	-345.20	0.57	-0.56	-0.74	
5,770.00	9.94	38.62	5,732.72	359.22	329.39	-357.90	0.21	-0.18	-0.56	
5,865.00	9.23	37.92	5,826.39	371.64	339.19	-370.28	0.76	-0.75	-0.74	
5,960.00	8.79	37.21	5,920.22	383.43	348.26	-382.03	0.48	-0.46	-0.75	
6,055.00	7.83	42.93	6,014.22	393.95	357.06	-392.51	1.33	-1.01	6.02	
6,149.00	7.03	46.35	6,107.43	402.61	365.58	-401.14	0.97	-0.85	3.64	
6,244.00	5.98	46.44	6,201.82	410.03	373.37	-408.53	1.11	-1.11	0.09	
6,339.00	4.66	41.78	6,296.41	416.32	379.53	-414.79	1.46	-1.39	-4.91	
6,434.00	3.52	36.42	6,391.16	421.55	383.84	-420.00	1.26	-1.20	-5.64	
6,528.00	2.55	30.45	6,485.03	425.67	386.61	-424.12	1.08	-1.03	-6.35	
6,623.00	1.76	336.75	6,579.97	428.83	387.10	-427.28	2.18	-0.83	-56.53	
6,718.00	1.93	330.24	6,674.92	431.56	385.73	-430.01	0.28	0.18	-6.85	
6,813.00	0.53	2.15	6,769.90	433.39	384.96	-431.84	1.59	-1.47	33.59	
6,907.00	0.88	45.65	6,863.89	434.33	385.49	-432.78	0.65	0.37	46.28	
7,002.00	0.62	47.50	6,958.89	435.19	386.39	-433.63	0.27	-0.27	1.95	
7,097.00	0.53	61.82	7,053.88	435.74	387.16	-434.18	0.18	-0.09	15.07	
7,192.00	0.79	75.53	7,148.87	436.11	388.18	-434.55	0.32	0.27	14.43	
7,287.00	0.70	76.85	7,243.87	436.41	389.38	-434.84	0.10	-0.09	1.39	
7,382.00	0.88	85.03	7,338.86	436.60	390.67	-435.03	0.22	0.19	8.61	
7,477.00	0.79	93.55	7,433.85	436.63	392.05	-435.05	0.16	-0.09	8.97	
7,571.00	0.79	104.36	7,527.84	436.43	393.32	-434.84	0.16	0.00	11.50	
7,666.00	1.14	114.56	7,622.82	435.87	394.82	-434.28	0.41	0.37	10.74	
7,761.00	1.14	130.64	7,717.81	434.86	396.39	-433.27	0.34	0.00	16.93	
7,856.00	0.88	136.27	7,812.79	433.72	397.61	-432.12	0.29	-0.27	5.93	
7,951.00	0.79	137.23	7,907.78	432.71	398.56	-431.11	0.10	-0.09	1.01	
8,046.00	0.79	139.52	8,002.77	431.73	399.43	-430.13	0.03	0.00	2.41	
8,141.00	0.26	165.97	8,097.77	431.03	399.91	-429.42	0.60	-0.56	27.84	
8,235.00	1.41	324.44	8,191.76	431.76	399.29	-430.15	1.76	1.22	168.58	
8,330.00	1.58	323.12	8,286.73	433.76	397.82	-432.16	0.18	0.18	-1.39	
8,425.00	1.41	316.53	8,381.70	435.65	396.23	-434.06	0.25	-0.18	-6.94	
8,520.00	1.58	313.28	8,476.66	437.40	394.48	-435.81	0.20	0.18	-3.42	
8,614.00	0.70	296.58	8,570.64	438.55	393.02	-436.96	0.99	-0.94	-17.77	
8,709.00	1.06	264.32	8,665.63	438.72	391.63	-437.14	0.63	0.38	-33.96	
8,804.00	0.70	236.81	8,760.62	438.31	390.27	-436.74	0.57	-0.38	-28.96	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)
8,899.00	0.70	310.82	8,855.62	438.37	389.34	-436.81	0.89	0.00	77.91
8,993.00	0.88	265.03	8,949.61	438.69	388.19	-437.13	0.68	0.19	-48.71
9,088.00	0.97	236.73	9,044.60	438.18	386.79	-436.63	0.48	0.09	-29.79
9,183.00	0.97	149.98	9,139.59	437.05	386.52	-435.49	1.40	0.00	-91.32
9,278.00	1.06	167.56	9,234.57	435.49	387.11	-433.93	0.34	0.09	18.51
9,372.00	0.70	123.61	9,328.56	434.32	387.78	-432.76	0.79	-0.38	-46.76
9,467.00	1.06	115.70	9,423.55	433.62	389.05	-432.06	0.40	0.38	-8.33
9,562.00	1.23	137.15	9,518.53	432.49	390.54	-430.92	0.48	0.18	22.58
9,657.00	1.41	159.56	9,613.51	430.65	391.64	-429.08	0.57	0.19	23.59
9,752.00	1.23	122.03	9,708.48	429.01	392.91	-427.43	0.91	-0.19	-39.51
9,847.00	0.88	114.73	9,803.47	428.17	394.44	-426.58	0.39	-0.37	-7.68
9,941.00	0.70	139.34	9,897.46	427.43	395.47	-425.84	0.40	-0.19	26.18
10,036.00	0.18	132.58	9,992.46	426.89	395.96	-425.30	0.55	-0.55	-7.12
10,131.00	0.44	285.07	10,087.46	426.88	395.71	-425.29	0.64	0.27	160.52
10,226.00	0.35	260.28	10,182.45	426.93	395.07	-425.34	0.20	-0.09	-26.09
10,321.00	0.44	265.11	10,277.45	426.85	394.43	-425.26	0.10	0.09	5.08
10,416.00	0.09	237.60	10,372.45	426.78	394.00	-425.19	0.38	-0.37	-28.96
10,511.00	0.35	209.30	10,467.45	426.49	393.79	-424.90	0.29	0.27	-29.79
10,605.00	0.97	223.98	10,561.44	425.66	393.10	-424.08	0.68	0.66	15.62
10,700.00	1.41	225.39	10,656.42	424.26	391.71	-422.69	0.46	0.46	1.48
10,795.00	1.14	220.64	10,751.40	422.73	390.26	-421.16	0.30	-0.28	-5.00
10,822.00	0.92	216.99	10,778.39	422.35	389.96	-420.78	0.85	-0.81	-13.52
10,869.00	1.19	194.88	10,825.39	421.58	389.60	-420.01	1.03	0.57	-47.04
10,917.00	5.10	166.36	10,873.31	419.02	389.98	-417.45	8.53	8.15	-59.42
10,964.00	8.75	162.95	10,919.96	413.57	391.52	-411.99	7.81	7.77	-7.26
11,012.00	12.40	163.32	10,967.13	405.14	394.07	-403.55	7.61	7.60	0.77
11,059.00	17.01	164.21	11,012.58	393.68	397.39	-392.09	9.82	9.81	1.89
11,107.00	20.84	168.68	11,057.98	378.55	400.98	-376.94	8.53	7.98	9.31
11,154.00	24.44	172.48	11,101.35	360.71	403.90	-359.08	8.26	7.66	8.09
11,202.00	27.78	175.47	11,144.45	339.70	406.08	-338.07	7.48	6.96	6.23
11,249.00	30.81	179.44	11,185.44	316.74	407.06	-315.10	7.65	6.45	8.45
11,297.00	34.07	181.68	11,225.94	291.00	406.79	-289.37	7.24	6.79	4.67
11,344.00	38.24	181.16	11,263.89	263.29	406.11	-261.66	8.90	8.87	-1.11
11,391.00	41.85	179.03	11,299.86	233.06	406.08	-231.43	8.21	7.68	-4.53
11,438.00	46.46	178.72	11,333.57	200.33	406.72	-198.70	9.82	9.81	-0.66
11,486.00	51.16	178.98	11,365.18	164.23	407.45	-162.59	9.80	9.79	0.54
11,505.00	53.06	179.17	11,376.84	149.24	407.69	-147.60	10.05	10.02	0.99
Wellpath Crosses FTP									
11,533.00	55.87	179.43	11,393.11	126.45	407.97	-124.82	10.05	10.02	0.93
11,578.29	59.64	179.63	11,417.27	88.16	408.28	-86.52	8.34	8.33	0.44
PLU 13 DTD 106H FTP_330FNL_218FEL									
11,581.00	59.87	179.64	11,418.64	85.82	408.29	-84.18	8.34	8.33	0.42
11,628.00	63.52	179.41	11,440.92	44.44	408.64	-42.80	7.78	7.77	-0.49

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)	
11,676.00	67.38	180.06	11,460.86	0.79	408.84	0.85	8.14	8.04	1.35	
11,723.00	71.60	181.19	11,477.32	-43.22	408.35	44.85	9.26	8.98	2.40	
11,771.00	75.60	182.66	11,490.87	-89.23	406.80	90.86	8.84	8.33	3.06	
11,815.38	80.00	183.15	11,500.25	-132.54	404.60	134.16	9.97	9.91	1.11	
Wellpath is @ 80°										
11,818.00	80.26	183.18	11,500.70	-135.11	404.46	136.74	9.97	9.92	1.09	
11,859.20	84.36	182.16	11,506.21	-175.88	402.56	177.50	10.26	9.96	-2.48	
PLU 13 DTD 106H LP p5 (~323'Pst FTP)										
11,864.00	84.84	182.04	11,506.66	-180.67	402.38	182.28	10.26	9.96	-2.46	
11,946.00	89.19	181.09	11,510.93	-262.50	400.15	264.11	5.43	5.30	-1.16	
12,002.00	88.92	181.71	11,511.85	-318.48	398.78	320.08	1.21	-0.48	1.11	
12,096.00	89.05	181.47	11,513.52	-412.43	396.17	414.01	0.29	0.14	-0.26	
12,189.00	88.88	180.49	11,515.20	-505.40	394.58	506.98	1.07	-0.18	-1.05	
12,284.00	89.01	179.19	11,516.95	-600.38	394.85	601.96	1.38	0.14	-1.37	
12,378.00	89.01	180.12	11,518.57	-694.36	395.41	695.94	0.99	0.00	0.99	
12,471.00	88.75	179.75	11,520.39	-787.34	395.52	788.93	0.49	-0.28	-0.40	
12,565.00	89.01	179.68	11,522.23	-881.32	395.99	882.91	0.29	0.28	-0.07	
12,658.00	89.23	179.76	11,523.66	-974.31	396.44	975.90	0.25	0.24	0.09	
12,752.00	89.58	179.30	11,524.63	-1,068.30	397.21	1,069.89	0.61	0.37	-0.49	
12,847.00	89.58	179.27	11,525.33	-1,163.29	398.40	1,164.88	0.03	0.00	-0.03	
12,940.00	89.54	179.40	11,526.04	-1,256.29	399.48	1,257.88	0.15	-0.04	0.14	
13,034.00	89.49	179.15	11,526.84	-1,350.27	400.66	1,351.87	0.27	-0.05	-0.27	
13,129.00	89.49	179.08	11,527.68	-1,445.26	402.13	1,446.86	0.07	0.00	-0.07	
13,222.00	89.41	179.93	11,528.58	-1,538.25	402.94	1,539.86	0.92	-0.09	0.91	
13,316.00	89.41	180.11	11,529.55	-1,632.25	402.90	1,633.85	0.19	0.00	0.19	
13,409.00	89.41	179.46	11,530.50	-1,725.24	403.25	1,726.84	0.70	0.00	-0.70	
13,503.00	89.54	179.39	11,531.36	-1,819.23	404.20	1,820.84	0.16	0.14	-0.07	
13,598.00	90.24	179.61	11,531.55	-1,914.23	405.02	1,915.84	0.77	0.74	0.23	
13,692.00	89.58	179.64	11,531.69	-2,008.22	405.64	2,009.84	0.70	-0.70	0.03	
13,785.00	89.49	179.42	11,532.45	-2,101.22	406.40	2,102.83	0.26	-0.10	-0.24	
13,879.00	89.32	179.85	11,533.43	-2,195.21	407.00	2,196.83	0.49	-0.18	0.46	
13,972.00	88.22	180.02	11,535.42	-2,288.19	407.11	2,289.80	1.20	-1.18	0.18	
14,066.00	89.27	180.17	11,537.48	-2,382.16	406.95	2,383.78	1.13	1.12	0.16	
14,160.00	88.57	179.62	11,539.25	-2,476.15	407.12	2,477.76	0.95	-0.74	-0.59	
14,254.00	89.58	179.42	11,540.77	-2,570.13	407.91	2,571.75	1.10	1.07	-0.21	
14,348.00	89.45	179.70	11,541.57	-2,664.12	408.63	2,665.74	0.33	-0.14	0.30	
14,442.00	89.49	179.46	11,542.43	-2,758.12	409.32	2,759.74	0.26	0.04	-0.26	
14,535.00	89.93	179.85	11,542.91	-2,851.11	409.88	2,852.73	0.63	0.47	0.42	
14,630.00	89.93	181.52	11,543.02	-2,946.10	408.75	2,947.72	1.76	0.00	1.76	
14,723.00	89.63	179.65	11,543.38	-3,039.09	407.80	3,040.70	2.04	-0.32	-2.01	
14,817.00	89.49	179.25	11,544.10	-3,133.08	408.70	3,134.70	0.45	-0.15	-0.43	
14,911.00	89.41	179.46	11,545.00	-3,227.07	409.76	3,228.69	0.24	-0.09	0.22	
15,005.00	89.45	179.28	11,545.94	-3,321.06	410.79	3,322.69	0.20	0.04	-0.19	
15,099.00	89.63	179.36	11,546.69	-3,415.05	411.91	3,416.68	0.21	0.19	0.09	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)	
15,194.00	89.58	179.34	11,547.35	-3,510.05	412.98	3,511.68	0.06	-0.05	-0.02	
15,288.00	89.54	179.37	11,548.07	-3,604.04	414.04	3,605.67	0.05	-0.04	0.03	
15,381.00	89.32	179.49	11,548.99	-3,697.03	414.97	3,698.66	0.27	-0.24	0.13	
15,476.00	89.41	180.06	11,550.05	-3,792.02	415.34	3,793.66	0.61	0.09	0.60	
15,570.00	89.49	179.51	11,550.95	-3,886.02	415.69	3,887.65	0.59	0.09	-0.59	
15,664.00	89.41	179.44	11,551.85	-3,980.01	416.55	3,981.65	0.11	-0.09	-0.07	
15,759.00	89.54	179.33	11,552.72	-4,075.00	417.57	4,076.64	0.18	0.14	-0.12	
15,853.00	89.19	179.71	11,553.76	-4,168.99	418.36	4,170.63	0.55	-0.37	0.40	
15,947.00	89.45	179.51	11,554.88	-4,262.98	419.00	4,264.63	0.35	0.28	-0.21	
16,041.00	89.49	179.40	11,555.75	-4,356.97	419.89	4,358.62	0.12	0.04	-0.12	
16,135.00	89.49	179.52	11,556.59	-4,450.96	420.78	4,452.62	0.13	0.00	0.13	
16,229.00	89.49	179.85	11,557.42	-4,544.96	421.30	4,546.61	0.35	0.00	0.35	
16,323.00	89.45	179.39	11,558.29	-4,638.95	421.92	4,640.61	0.49	-0.04	-0.49	
16,418.00	89.54	179.41	11,559.13	-4,733.94	422.91	4,735.60	0.10	0.09	0.02	
16,512.00	89.93	179.59	11,559.56	-4,827.94	423.74	4,829.60	0.46	0.41	0.19	
16,606.00	89.58	179.31	11,559.97	-4,921.93	424.64	4,923.60	0.48	-0.37	-0.30	
16,700.00	89.58	178.90	11,560.66	-5,015.92	426.11	5,017.59	0.44	0.00	-0.44	
16,794.00	88.79	178.88	11,561.99	-5,109.89	427.93	5,111.57	0.84	-0.84	-0.02	
16,888.00	89.54	179.75	11,563.36	-5,203.87	429.05	5,205.55	1.22	0.80	0.93	
16,982.00	89.41	179.62	11,564.22	-5,297.87	429.57	5,299.55	0.20	-0.14	-0.14	
17,076.00	89.45	180.14	11,565.16	-5,391.86	429.76	5,393.54	0.55	0.04	0.55	
17,170.00	88.79	180.60	11,566.60	-5,485.85	429.16	5,487.53	0.86	-0.70	0.49	
17,264.00	88.92	180.47	11,568.48	-5,579.83	428.28	5,581.50	0.20	0.14	-0.14	
17,357.00	89.63	179.99	11,569.66	-5,672.82	427.91	5,674.49	0.92	0.76	-0.52	
17,452.00	89.98	180.46	11,569.98	-5,767.81	427.53	5,769.48	0.62	0.37	0.49	
17,545.00	89.41	180.62	11,570.48	-5,860.81	426.66	5,862.47	0.64	-0.61	0.17	
17,639.00	89.67	179.42	11,571.23	-5,954.80	426.62	5,956.47	1.31	0.28	-1.28	
17,733.00	89.58	179.78	11,571.85	-6,048.80	427.28	6,050.47	0.39	-0.10	0.38	
17,828.00	89.54	179.87	11,572.58	-6,143.80	427.57	6,145.46	0.10	-0.04	0.09	
17,922.00	89.93	179.67	11,573.01	-6,237.79	427.95	6,239.46	0.47	0.41	-0.21	
18,015.00	90.24	179.53	11,572.87	-6,330.79	428.60	6,332.46	0.37	0.33	-0.15	
18,109.00	90.24	179.86	11,572.48	-6,424.79	429.10	6,426.46	0.35	0.00	0.35	
18,204.00	89.98	179.34	11,572.30	-6,519.79	429.76	6,521.46	0.61	-0.27	-0.55	
18,298.00	89.36	179.84	11,572.84	-6,613.78	430.43	6,615.46	0.85	-0.66	0.53	
18,393.00	89.80	179.81	11,573.53	-6,708.78	430.72	6,710.45	0.46	0.46	-0.03	
18,487.00	89.98	179.41	11,573.71	-6,802.78	431.36	6,804.45	0.47	0.19	-0.43	
18,581.00	89.98	179.29	11,573.75	-6,896.77	432.43	6,898.45	0.13	0.00	-0.13	
18,676.00	90.37	179.48	11,573.46	-6,991.76	433.45	6,993.45	0.46	0.41	0.20	
18,769.00	90.29	179.50	11,572.92	-7,084.76	434.28	7,086.44	0.09	-0.09	0.02	
18,863.00	90.07	179.57	11,572.63	-7,178.75	435.04	7,180.44	0.25	-0.23	0.07	
18,957.00	90.07	179.81	11,572.51	-7,272.75	435.55	7,274.44	0.26	0.00	0.26	
19,051.00	90.29	179.53	11,572.22	-7,366.75	436.09	7,368.44	0.38	0.23	-0.30	
19,144.00	90.20	179.35	11,571.82	-7,459.75	437.00	7,461.44	0.22	-0.10	-0.19	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H 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)	
19,238.00	90.07	179.30	11,571.60	-7,553.74	438.11	7,555.44	0.15	-0.14	-0.05	
19,332.00	90.02	179.45	11,571.52	-7,647.73	439.13	7,649.43	0.17	-0.05	0.16	
19,426.00	89.85	179.46	11,571.63	-7,741.73	440.03	7,743.43	0.18	-0.18	0.01	
19,519.00	90.02	179.33	11,571.74	-7,834.72	441.01	7,836.43	0.23	0.18	-0.14	
19,614.00	89.93	179.00	11,571.78	-7,929.71	442.39	7,931.43	0.36	-0.09	-0.35	
19,707.00	89.89	179.70	11,571.92	-8,022.71	443.45	8,024.42	0.75	-0.04	0.75	
19,802.00	90.02	179.48	11,572.00	-8,117.70	444.13	8,119.42	0.27	0.14	-0.23	
19,895.00	89.89	179.48	11,572.07	-8,210.70	444.97	8,212.42	0.14	-0.14	0.00	
19,989.00	89.98	181.42	11,572.18	-8,304.69	444.23	8,306.41	2.07	0.10	2.06	
20,083.00	90.07	181.26	11,572.14	-8,398.67	442.03	8,400.37	0.20	0.10	-0.17	
20,178.00	89.98	181.68	11,572.09	-8,493.64	439.60	8,495.33	0.45	-0.09	0.44	
20,272.00	89.93	181.61	11,572.17	-8,587.60	436.90	8,589.28	0.09	-0.05	-0.07	
20,365.00	90.07	181.48	11,572.17	-8,680.56	434.39	8,682.24	0.21	0.15	-0.14	
20,460.00	89.98	181.42	11,572.13	-8,775.53	431.99	8,777.20	0.11	-0.09	-0.06	
20,554.00	89.71	180.29	11,572.38	-8,869.52	430.58	8,871.18	1.24	-0.29	-1.20	
20,647.00	90.02	180.24	11,572.60	-8,962.52	430.15	8,964.17	0.34	0.33	-0.05	
20,741.00	89.58	178.98	11,572.93	-9,056.51	430.79	9,058.17	1.42	-0.47	-1.34	
20,835.00	89.98	179.46	11,573.29	-9,150.50	432.07	9,152.16	0.66	0.43	0.51	
20,928.00	90.07	178.97	11,573.25	-9,243.49	433.35	9,245.16	0.54	0.10	-0.53	
21,023.00	89.98	179.63	11,573.21	-9,338.49	434.51	9,340.16	0.70	-0.09	0.69	
21,118.00	89.98	179.67	11,573.24	-9,433.49	435.09	9,435.16	0.04	0.00	0.04	
21,212.00	90.15	179.03	11,573.13	-9,527.48	436.16	9,529.15	0.70	0.18	-0.68	
21,306.00	89.93	179.21	11,573.07	-9,621.47	437.60	9,623.15	0.30	-0.23	0.19	
21,400.00	89.45	179.13	11,573.58	-9,715.46	438.96	9,717.14	0.52	-0.51	-0.09	
21,438.95	89.71	179.35	11,573.86	-9,754.40	439.48	9,756.08	0.87	0.66	0.57	
PLU 13 DTD 106H LTP_330FSL_220FEL										
21,440.00	89.71	179.36	11,573.87	-9,755.45	439.49	9,757.14	0.87	0.66	0.57	
Wellpath Crosses LTP										
21,494.00	90.07	179.67	11,573.97	-9,809.45	439.95	9,811.14	0.87	0.66	0.57	
21,559.00	89.27	179.26	11,574.35	-9,874.44	440.55	9,876.13	1.38	-1.23	-0.63	
PLU 13 DTD 106H PBHL p4_200FSL_220FEL										
21,616.00	89.27	179.26	11,575.07	-9,931.44	441.29	9,933.13	0.00	0.00	0.00	
TD @ 153FSL,216FEL										

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 13-106H - Slot PLU 13 DTD 106H SHL
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Site:	PLU 13 Dog Town Draw	MD Reference:	3468+30 @ 3498.00usft (HP549 tp..)
Well:	13-106H	North Reference:	Grid
Wellbore:	106H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	106H Lateral 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 106H SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	440,185.30	655,207.90	32.2091906	-103.8315142
PLU 13 DTD 106H FTP_ - actual wellpath misses target center by 113.45usft at 11578.29usft MD (11417.27 TVD, 88.16 N, 408.28 E) - Point	0.00	0.00	11,513.00	148.20	398.20	440,333.50	655,606.10	32.2095929	-103.8302246
PLU 13 DTD 106H PBH - actual wellpath misses target center by 11.70usft at 21559.00usft MD (11574.34 TVD, -9874.44 N, 440.55 E) - Rectangle (sides W80.00 H10,031.00 D0.00)	0.00	0.00	11,570.00	-9,884.90	437.60	430,300.40	655,645.50	32.1820123	-103.8302489
PLU 13 DTD 106H BHL - actual wellpath misses target center by 0.01usft at 21616.00usft MD (11575.07 TVD, -9931.44 N, 441.29 E) - Point	0.00	0.00	11,575.07	-9,931.44	441.29	430,253.86	655,649.19	32.1818844	-103.8302377

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
11,505.00	11,376.84	149.24	407.69	Wellpath Crosses FTP
11,815.38	11,500.25	-132.54	404.60	Wellpath is @ 80°
21,440.00	11,573.87	-9,755.45	439.49	Wellpath Crosses LTP
21,616.00	11,575.07	-9,931.44	441.29	TD @ 153FSL,216FEL

Checked By: _____ Approved By: _____ Date: _____

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				
		1. WELL API NO. 30-015-45817								
		2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN								
		3. State Oil & Gas Lease No.								
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 POKER LAKE UNIT 13 DTD				
						6. Well Number: 106H				
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		512	North	1955	East	Eddy
BH:	O	25	24S	30E		154	South	1553	East	Eddy
13. Date Spudded 12/24/2019	14. Date T.D. Reached 3/12/2020		15. Date Rig Released 3/14/2020		16. Date Completed (Ready to Produce) 6/3/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3468' 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
13 3/8"		54.5		773'		17 1/2"		1040		
9 5/8"		40.0		4131'		12 1/4"		1650		
7"		32.0		11902'		8 3/4"		1905		
4 1/2"		13.5		21549'		6"		809		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	11,149	11,132		
26. Perforation record (interval, size, and number) 11,949 - 21,393 4spf, 1128 Total Shots 47 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11,949 - 21,393 321,408 bbl fluid + 14,111,870 lbs proppant				
28. PRODUCTION										
Date First Production 6/5/21		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/15/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1678	Gas - MCF 4802	Water - Bbl. 5088	Gas - Oil Ratio 2861			
Flow Tubing Press. 1448	Casing Pressure 821	Calculated 24-Hour Rate	Oil - Bbl. 1678	Gas - MCF 4802	Water - Bbl. 5088	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 08/10/2021		
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 924'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4008'	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 4226'	T. Morrison	
T. Drinkard	T. Bone Springs 8093'	T. Todilto	
T. Abo	T. Rustler 549'	T. Entrada	
T. Wolfcamp 11537'	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 41157

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 41157
	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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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 41157

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 41157
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/15/2021