

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-45846		
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 25 BD		
								6. Well Number: 102H		
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER Amend Completion Documentation										
8. Name of Operator XTO ENERGY, INC						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:	E	25	25S	30E		2560	North	772	West	Eddy
BH:	M	36	25S	30E		205	South	708	West	Eddy
13. Date Spudded 7/25/2019	14. Date T.D. Reached 10/17/2019		15. Date Rig Released 10/21/2019		16. Date Completed (Ready to Produce) 7/28/20			17. Elevations (DF and RKB, RT, GR, etc.) 3343 GL		
18. Total Measured Depth of Well 19,945			19. Plug Back Measured Depth 19,934		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,545 - 19,794 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		1130'		17 1/2"		1502		
9 5/8"		40.0		4000'		12 1/4"		3788		
7"		32.0		11532'		8 3/4"		1332		
4 1/2"		13.5		19935'		6"		928		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD					
					SIZE	DEPTH SET	PACKER SET			
					2 7/8"	11,208	11,192			
26. Perforation record (interval, size, and number) 12,545 - 19,794 4spf, 2292 Total Shots 49 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					12,545 - 19,794		398,468 bbl fluid + 18,126,100 lbs proppant			
28. PRODUCTION										
Date First Production 7/29/20		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 08/18/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 576	Gas - MCF 5637	Water - Bbl. 5387	Gas - Oil Ratio 9860			
Flow Tubing Press. 1795	Casing Pressure 967	Calculated 24-Hour Rate	Oil - Bbl. 576	Gas - MCF 5637	Water - Bbl. 5387	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 <i>Cassie Evans</i>			Printed Name Cassie Evans		Title Regulatory Analyst			Date 05/10/21		
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 438'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3124'	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 3,342'	T. Morrison	
T. Drinkard	T. Bone Springs 7,019'	T. Todilto	
T. Abo	T. Rustler 239'	T. Entrada	
T. Wolfcamp 10,383'	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.....

LITHOLOGICAL CORE (Attach additional sheet if necessary)				LITHOLOGICAL CORE (Attach additional sheet if necessary)			
From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720

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 30-015-45846	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325339	⁵ Property Name POKER LAKE UNIT 25 BD	⁶ Well Number 102H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,343'

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
E	25	25 S	30 E		2,560	NORTH	772	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	25 S	30 E		187	SOUTH	708	WEST	EDDY

¹² Dedicated Acres 560	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.

	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,002.5 X= 693,850.4 LAT.= 32.101478°N LONG.= 103.840797°W KICK OFF POINT NAD 83 NME Y= 401,079.3 X= 693,786.0 LAT.= 32.101690°N LONG.= 103.841004°W FIRST TAKE POINT NAD 83 NME Y= 400,495.8 X= 693,798.4 LAT.= 32.100085°N LONG.= 103.840972°W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 400,944.6 X= 652,665.1 LAT.= 32.101353°N LONG.= 103.840317°W KICK OFF POINT NAD 27 NME Y= 401,021.4 X= 652,600.7 LAT.= 32.101565°N LONG.= 103.840523°W FIRST TAKE POINT NAD 27 NME Y= 400,437.9 X= 652,613.0 LAT.= 32.099961°N LONG.= 103.840492°W	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 05/10/21 Signature _____ Date _____ Printed Name _____ cassie.evans@exxonmobil.com E-mail Address _____
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,845.0 N, X= 653,224.3 E B - Y= 400,838.4 N, X= 651,892.9 E C - Y= 398,185.5 N, X= 653,217.9 E D - Y= 398,177.1 N, X= 651,887.1 E E - Y= 395,525.4 N, X= 653,229.4 E F - Y= 395,514.7 N, X= 651,898.9 E G - Y= 392,863.6 N, X= 653,241.1 E H - Y= 392,853.4 N, X= 651,911.2 E	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 4-9-2021 Date of Survey _____ Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number _____ RR/JC 2018010047	
	CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,902.9 N, X= 694,409.7 E B - Y= 400,896.3 N, X= 693,078.2 E C - Y= 398,243.4 N, X= 694,403.4 E D - Y= 398,235.0 N, X= 693,072.5 E E - Y= 395,583.2 N, X= 694,415.0 E F - Y= 395,572.5 N, X= 693,084.4 E G - Y= 392,921.4 N, X= 694,426.7 E H - Y= 392,911.2 N, X= 693,096.8 E		
	LAST TAKE POINT NAD 83 NME Y= 393,254.3 X= 693,808.1 LAT.= 32.080179°N LONG.= 103.841048°W BOTTOM HOLE LOCATION NAD 83 NME Y= 393,103.4 X= 693,803.9 LAT.= 32.079765°N LONG.= 103.841063°W	LAST TAKE POINT NAD 27 NME Y= 393,196.5 X= 652,622.5 LAT.= 32.080055°N LONG.= 103.840568°W BOTTOM HOLE LOCATION NAD 27 NME Y= 393,045.6 X= 652,618.3 LAT.= 32.079640°N LONG.= 103.840584°W	

Intent ☐ As Drilled ☒API #
30-015-45846

Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: PPOKER LAKE UNIT 25 BD	Well Number 102H
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Kick Off Point (KOP)

UL E	Section 25	Township 25S	Range 30E	Lot	Feet 2,483	From N/S FNL	Feet 707	From E/W FWL	County EDDY
Latitude 32.101690					Longitude 103.841004				NAD 83

First Take Point (FTP)

UL L	Section 25	Township 25S	Range 30E	Lot	Feet 2,256	From N/S FSL	Feet 721	From E/W FWL	County EDDY
Latitude 32.100085					Longitude 103.840972				NAD 83

Last Take Point (LTP)

UL M	Section 26	Township 25S	Range 30E	Lot	Feet 338	From N/S FSL	Feet 713	From E/W FWL	County EDDY
Latitude 32.080179					Longitude 103.841048				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
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KZ 06/29/2018

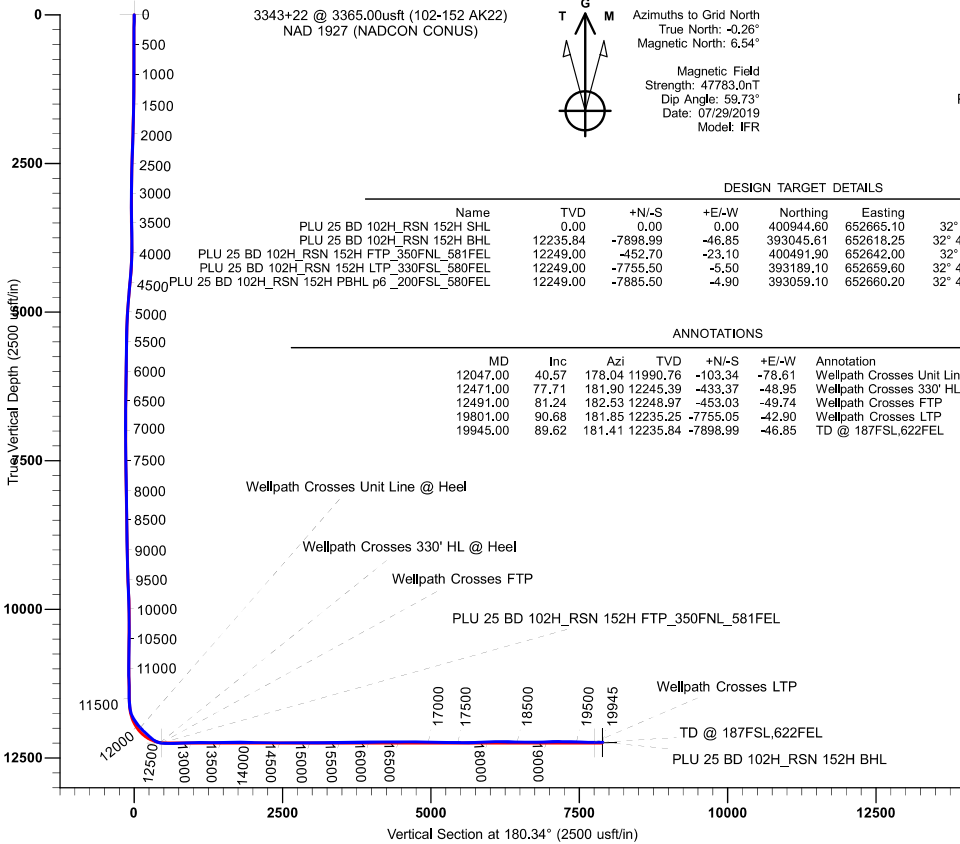
XTO ENERGY INC.

Project: Eddy County, NM (NMEZ) NAD27 Grid
 Site: Poker Lake Unit 25 BD
 Well: PLU 25 BD 102H_RSN 152H
 Wellbore: 102H-152H
 Design: 102H-152H AsDrilled



Azimuths to Grid North
 True North: -0.26°
 Magnetic North: 6.54°
 Magnetic Field
 Strength: 47783.0nT
 Dip Angle: 59.73°
 Date: 07/29/2019
 Model: IFR

3343+22 @ 3365.00usft (102-152 AK22)
 NAD 1927 (NADCON CONUS)

**DESIGN TARGET DETAILS**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PLU 25 BD 102H_RSN 152H SHL	0.00	0.00	0.00	400944.60	652665.10	32° 6' 4.872 N	103° 50' 25.139 W
PLU 25 BD 102H_RSN 152H BHL	12235.84	-7898.99	-46.85	393045.61	652618.25	32° 4' 46.704 N	103° 50' 26.103 W
PLU 25 BD 102H_RSN 152H FTP_350FNL_581FEL	12249.00	-452.70	-23.10	400491.90	652642.00	32° 6' 0.393 N	103° 50' 25.432 W
PLU 25 BD 102H_RSN 152H LTP_330FSL_580FEL	12249.00	-7755.50	-5.50	393189.10	652659.60	32° 4' 48.122 N	103° 50' 25.615 W
PLU 25 BD 102H_RSN 152H PBHL p6_200FSL_580FEL	12249.00	-7885.50	-4.90	393059.10	652660.20	32° 4' 46.835 N	103° 50' 25.615 W

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
12047.00	40.57	178.04	11990.76	-103.34	-78.61	Wellpath Crosses Unit Line @ Heel
12471.00	77.71	181.90	12245.39	-433.37	-48.95	Wellpath Crosses 330' HL @ Heel
12491.00	81.24	182.53	12248.97	-453.03	-49.74	Wellpath Crosses FTP
19801.00	90.68	181.85	12235.25	-7755.05	-42.90	Wellpath Crosses LTP
19945.00	89.62	181.41	12235.84	-7898.99	-46.85	TD @ 187FSL,622FEL

To convert a Magnetic Direction to a Grid Direction, Add 6.54°
 Magnetic North is 6.54° East of Grid North (Magnetic Convergence)
 Magnetic North is 6.80° East of True North (Magnetic Declination)

Design: 102H-152H AsDrilled (PLU 25 BD 102H_RSN 152H/102H-152H)
 Created By: Mekka Williams
 eSomina Well Design
 mekka@esominawell.com
 10/26, October 23 2019

CRUDE OILFIELD SOLUTIONS
 14427 Interdrive W Houston 77032
 832-230-2519



Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_EDM

Project	Eddy County, NM (NMEZ) NAD27 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	Poker Lake Unit 25 BD			
Site Position:		Northing:	400,979.50 usft	Latitude: 32° 6' 5.217 N
From:	Map	Easting:	652,664.90 usft	Longitude: 103° 50' 25.140 W
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in	Grid Convergence: 0.26 °

Well	PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL			
Well Position	+N/-S	0.00 usft	Northing:	400,944.60 usft
	+E/-W	0.00 usft	Easting:	652,665.10 usft
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft
			Ground Level:	3,343.00 usft

Wellbore	102H-152H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	07/29/19	6.80	59.73	47,783.00000000

Design	102H-152H 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	180.34

Survey Program	Date	10/23/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
117.00	11,483.00	Survey #1 (102H-152H)	MWD	OWSG MWD - Standard
11,604.00	19,900.00	Survey #2 (102H-152H)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction
19,945.00	19,945.00	Survey #3 (102H-152H)	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 25 BD 102H_RSN 152H SHL										
117.00	0.00	0.00	117.00	0.00	0.00	0.00	0.00	0.00	0.00	
211.00	0.09	317.63	211.00	0.05	-0.05	-0.05	0.10	0.10	0.00	
302.00	0.13	321.50	302.00	0.19	-0.16	-0.19	0.04	0.04	4.25	
390.00	0.18	13.27	390.00	0.40	-0.19	-0.40	0.16	0.06	58.83	
480.00	0.40	8.79	480.00	0.85	-0.11	-0.85	0.25	0.24	-4.98	
569.00	0.53	317.63	569.00	1.46	-0.34	-1.46	0.47	0.15	-57.48	

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_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)
658.00	0.66	325.28	657.99	2.19	-0.91	-2.18	0.17	0.15	8.60
753.00	0.53	298.65	752.99	2.85	-1.61	-2.84	0.32	-0.14	-28.03
848.00	0.84	242.05	847.98	2.73	-2.61	-2.71	0.74	0.33	-59.58
943.00	0.79	245.21	942.97	2.13	-3.82	-2.11	0.07	-0.05	3.33
1,038.00	0.44	239.32	1,037.96	1.67	-4.73	-1.64	0.37	-0.37	-6.20
1,165.00	0.53	356.57	1,164.96	2.01	-5.18	-1.98	0.65	0.07	92.32
1,229.00	0.97	355.78	1,228.96	2.84	-5.24	-2.81	0.69	0.69	-1.23
1,324.00	1.19	352.79	1,323.94	4.62	-5.42	-4.59	0.24	0.23	-3.15
1,419.00	1.10	337.32	1,418.92	6.44	-5.90	-6.41	0.34	-0.09	-16.28
1,514.00	1.19	339.96	1,513.90	8.21	-6.59	-8.17	0.11	0.09	2.78
1,609.00	1.14	318.60	1,608.88	9.85	-7.55	-9.80	0.46	-0.05	-22.48
1,703.00	1.32	338.99	1,702.86	11.56	-8.56	-11.51	0.50	0.19	21.69
1,797.00	1.54	346.81	1,796.83	13.80	-9.23	-13.74	0.31	0.23	8.32
1,891.00	1.49	344.35	1,890.80	16.21	-9.85	-16.15	0.09	-0.05	-2.62
1,985.00	1.71	347.61	1,984.76	18.75	-10.48	-18.69	0.25	0.23	3.47
2,079.00	1.71	344.18	2,078.72	21.47	-11.17	-21.40	0.11	0.00	-3.65
2,172.00	1.54	357.27	2,171.68	24.05	-11.60	-23.99	0.44	-0.18	14.08
2,266.00	1.89	354.90	2,265.64	26.86	-11.80	-26.79	0.38	0.37	-2.52
2,360.00	2.24	359.65	2,359.58	30.24	-11.95	-30.17	0.41	0.37	5.05
2,454.00	2.42	343	2,453.50	34.06	-11.84	-33.99	0.25	0.19	4.02
2,548.00	2.33	334.51	2,547.43	37.77	-12.55	-37.69	1.26	-0.10	-30.77
2,642.00	1.80	287.05	2,641.37	39.92	-14.78	-39.83	1.84	-0.56	-50.49
2,735.00	2.02	280.81	2,734.32	40.66	-17.79	-40.55	0.33	0.24	-6.71
2,829.00	2.29	282.74	2,828.25	41.38	-21.25	-41.26	0.30	0.29	2.05
2,923.00	2.24	288.28	2,922.18	42.37	-24.82	-42.23	0.24	-0.05	5.89
3,017.00	2.42	289.25	3,016.10	43.60	-28.44	-43.43	0.20	0.19	1.03
3,110.00	1.27	274.13	3,109.05	44.33	-31.32	-44.14	1.33	-1.24	-16.26
3,204.00	0.53	219.37	3,203.04	44.06	-32.64	-43.87	1.12	-0.79	-58.26
3,298.00	0.09	180.61	3,297.04	43.65	-32.91	-43.46	0.49	-0.47	-41.23
3,392.00	0.53	117.68	3,391.04	43.38	-32.53	-43.19	0.53	0.47	-66.95
3,486.00	0.92	127.97	3,485.03	42.71	-31.55	-42.52	0.44	0.41	10.95
3,602.00	1.10	129.55	3,601.01	41.43	-29.96	-41.25	0.16	0.16	1.36
3,673.00	1.49	131.13	3,671.99	40.39	-28.73	-40.22	0.55	0.55	2.23
3,767.00	2.15	135.96	3,765.95	38.32	-26.59	-38.16	0.72	0.70	5.14
3,861.00	0.97	146.07	3,859.91	36.39	-24.92	-36.24	1.28	-1.26	10.76
3,940.00	0.48	6.94	3,938.91	36.16	-24.51	-36.02	1.73	-0.62	-176.11
4,055.00	1.49	3.16	4,053.89	38.14	-24.36	-37.99	0.88	0.88	-3.29
4,149.00	2.55	358.15	4,147.83	41.45	-24.37	-41.30	1.14	1.13	-5.33
4,242.00	3.96	2.99	4,240.68	46.72	-24.26	-46.58	1.54	1.52	5.20
4,336.00	5.01	5.54	4,334.39	54.05	-23.70	-53.91	1.14	1.12	2.71
4,430.00	5.10	5.18	4,428.02	62.29	-22.93	-62.16	0.10	0.10	-0.38
4,525.00	5.14	4.22	4,522.64	70.74	-22.23	-70.61	0.10	0.04	-1.01
4,620.00	5.01	3.34	4,617.27	79.13	-21.68	-79.00	0.16	-0.14	-0.93

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_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)
4,714.00	5.19	1.84	4,710.90	87.48	-21.30	-87.35	0.24	0.19	-1.60
4,809.00	5.19	1.40	4,805.51	96.07	-21.06	-95.94	0.04	0.00	-0.46
4,904.00	4.18	358.42	4,900.19	103.82	-21.05	-103.70	1.09	-1.06	-3.14
4,998.00	3.47	341.19	4,993.98	109.94	-22.06	-109.81	1.43	-0.76	-18.33
5,093.00	2.64	345.94	5,088.85	114.78	-23.52	-114.64	0.91	-0.87	5.00
5,188.00	1.49	1.23	5,183.78	118.14	-24.02	-118.00	1.33	-1.21	16.09
5,282.00	1.63	12.57	5,277.75	120.67	-23.71	-120.52	0.36	0.15	12.06
5,377.00	1.49	5.01	5,372.72	123.22	-23.30	-123.08	0.26	-0.15	-7.96
5,471.00	0.92	349.45	5,466.69	125.18	-23.34	-125.04	0.69	-0.61	-16.55
5,566.00	1.01	347.96	5,561.68	126.74	-23.65	-126.60	0.10	0.09	-1.57
5,660.00	1.01	359.30	5,655.67	128.38	-23.83	-128.24	0.21	0.00	12.06
5,754.00	1.01	355.08	5,749.65	130.04	-23.91	-129.89	0.08	0.00	-4.49
5,848.00	0.79	345.41	5,843.64	131.49	-24.15	-131.34	0.28	-0.23	-10.29
5,943.00	0.97	359.21	5,938.63	132.93	-24.32	-132.78	0.29	0.19	14.53
6,037.00	0.75	354.20	6,032.62	134.33	-24.40	-134.19	0.25	-0.23	-5.33
6,131.00	0.88	351.56	6,126.61	135.66	-24.57	-135.51	0.14	0.14	-2.81
6,225.00	0.88	347.61	6,220.60	137.08	-24.83	-136.93	0.06	0.00	-4.20
6,319.00	0.84	346.02	6,314.59	138.45	-25.15	-138.30	0.05	-0.04	-1.69
6,413.00	0.75	5.18	6,408.58	139.73	-25.26	-139.58	0.30	-0.10	20.38
6,507.00	0.66	9.23	6,502.57	140.88	-25.12	-140.73	0.11	-0.10	4.31
6,602.00	0.53	3.87	6,597.57	141.86	-25.00	-141.71	0.15	-0.14	-5.64
6,696.00	0.22	6.50	6,691.56	142.47	-24.95	-142.32	0.33	-0.33	2.80
6,791.00	0.31	328.01	6,786.56	142.87	-25.06	-142.72	0.20	0.09	-40.52
6,885.00	0.18	223.86	6,880.56	142.98	-25.30	-142.83	0.42	-0.14	-110.80
6,980.00	0.18	209.00	6,975.56	142.74	-25.48	-142.59	0.05	0.00	-15.64
7,074.00	0.40	216.21	7,069.56	142.35	-25.74	-142.19	0.24	0.23	7.67
7,168.00	0.35	164.18	7,163.56	141.81	-25.86	-141.65	0.35	-0.05	-55.35
7,263.00	0.53	157.32	7,258.56	141.12	-25.61	-140.97	0.20	0.19	-7.22
7,357.00	0.48	150.64	7,352.55	140.38	-25.25	-140.23	0.08	-0.05	-7.11
7,452.00	0.70	167.96	7,447.55	139.47	-24.93	-139.32	0.30	0.23	18.23
7,546.00	0.75	157.50	7,541.54	138.34	-24.58	-138.19	0.15	0.05	-11.13
7,641.00	1.05	148.27	7,636.53	137.02	-23.88	-136.88	0.35	0.32	-9.72
7,735.00	1.19	163.30	7,730.51	135.35	-23.15	-135.21	0.34	0.15	15.99
7,829.00	1.23	164.35	7,824.49	133.45	-22.60	-133.31	0.05	0.04	1.12
8,018.00	1.14	159.52	8,013.45	129.73	-21.39	-129.60	0.07	-0.05	-2.56
8,112.00	0.79	156.09	8,107.44	128.26	-20.80	-128.14	0.38	-0.37	-3.65
8,206.00	0.66	162.33	8,201.43	127.16	-20.37	-127.03	0.16	-0.14	6.64
8,300.00	0.35	220.87	8,295.42	126.42	-20.40	-126.30	0.60	-0.33	62.28
8,394.00	0.70	225.17	8,389.42	125.80	-20.99	-125.67	0.37	0.37	4.57
8,489.00	1.10	228.34	8,484.41	124.79	-22.09	-124.65	0.42	0.42	3.34
8,584.00	1.41	236.60	8,579.39	123.54	-23.74	-123.39	0.38	0.33	8.69
8,678.00	1.45	237.13	8,673.36	122.25	-25.71	-122.10	0.04	0.04	0.56

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_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)	
8,774.00	1.32	231.50	8,769.33	120.91	-27.59	-120.74	0.20	-0.14	-5.86	
8,869.00	1.49	227.28	8,864.30	119.39	-29.36	-119.21	0.21	0.18	-4.44	
8,964.00	1.49	220.78	8,959.27	117.61	-31.07	-117.43	0.18	0.00	-6.84	
9,059.00	1.49	218.14	9,054.24	115.71	-32.64	-115.51	0.07	0.00	-2.78	
9,154.00	1.41	214.01	9,149.21	113.77	-34.06	-113.56	0.14	-0.08	-4.35	
9,249.00	1.49	205.75	9,244.18	111.69	-35.25	-111.47	0.24	0.08	-8.69	
9,344.00	1.80	204.78	9,339.14	109.22	-36.41	-109.00	0.33	0.33	-1.02	
9,439.00	1.76	190.28	9,434.09	106.43	-37.29	-106.21	0.47	-0.04	-15.26	
9,534.00	2.33	203.46	9,529.03	103.22	-38.32	-102.99	0.77	0.60	13.87	
9,629.00	2.90	209.18	9,623.93	99.35	-40.26	-99.11	0.66	0.60	6.02	
9,724.00	3.08	204.08	9,718.80	94.92	-42.48	-94.67	0.34	0.19	-5.37	
9,819.00	2.86	212.78	9,813.67	90.60	-44.80	-90.33	0.53	-0.23	9.16	
9,914.00	2.77	217.18	9,908.56	86.78	-47.47	-86.50	0.25	-0.09	4.63	
10,009.00	2.42	217.88	10,003.46	83.37	-50.09	-83.07	0.37	-0.37	0.74	
10,104.00	0.79	248.55	10,098.42	81.54	-51.93	-81.24	1.88	-1.72	32.28	
10,199.00	1.05	349.98	10,193.42	82.16	-52.69	-81.85	1.51	0.27	106.77	
10,294.00	0.84	357.19	10,288.40	83.72	-52.88	-83.40	0.25	-0.22	7.59	
10,388.00	0.88	17.93	10,382.39	85.09	-52.69	-84.78	0.33	0.04	22.06	
10,484.00	0.75	8.44	10,478.38	86.41	-52.37	-86.10	0.19	-0.14	-9.89	
10,578.00	0.84	349.89	10,572.37	87.70	-52.40	-87.39	0.29	0.10	-19.73	
10,671.00	0.70	323.08	10,665.37	88.83	-52.86	-88.51	0.41	-0.15	-28.83	
10,766.00	0.88	293.64	10,760.36	89.58	-53.88	-89.26	0.46	0.19	-30.99	
10,860.00	1.14	273.60	10,854.34	89.93	-55.47	-89.60	0.46	0.28	-21.32	
10,954.00	1.32	256.20	10,948.32	89.73	-57.46	-89.39	0.44	0.19	-18.51	
11,048.00	1.19	241.87	11,042.30	89.01	-59.37	-88.66	0.36	-0.14	-15.24	
11,142.00	1.19	222.71	11,136.28	87.83	-60.89	-87.47	0.42	0.00	-20.38	
11,237.00	1.41	209.44	11,231.25	86.09	-62.14	-85.72	0.39	0.23	-13.97	
11,332.00	1.98	185.27	11,326.21	83.44	-62.86	-83.07	0.95	0.60	-25.44	
11,426.00	1.67	187.64	11,420.17	80.46	-63.19	-80.09	0.34	-0.33	2.52	
11,483.00	1.36	195.20	11,477.15	78.99	-63.48	-78.61	0.65	-0.54	13.26	
11,604.00	1.13	215.15	11,598.12	76.63	-64.55	-76.24	0.40	-0.19	16.49	
11,641.00	4.42	169.55	11,635.07	74.93	-64.50	-74.54	10.05	8.89	-123.24	
11,699.00	11.11	176.01	11,692.51	67.15	-63.70	-66.77	11.61	11.53	11.14	
11,744.00	17.13	186.82	11,736.14	56.23	-64.19	-55.85	14.55	13.38	24.02	
11,792.00	23.94	187.35	11,781.06	39.53	-66.28	-39.14	14.19	14.19	1.10	
11,837.00	29.52	187.41	11,821.24	19.47	-68.87	-19.06	12.40	12.40	0.13	
11,886.00	33.29	187.11	11,863.05	-5.86	-72.10	6.29	7.70	7.69	-0.61	
11,931.00	36.70	187.86	11,899.91	-31.44	-75.47	31.89	7.64	7.58	1.67	
11,980.00	38.42	184.26	11,938.76	-61.13	-78.60	61.60	5.69	3.51	-7.35	
12,025.00	39.07	177.87	11,973.87	-89.26	-79.11	89.73	9.00	1.44	-14.20	
12,047.00	40.57	178.04	11,990.76	-103.34	-78.61	103.80	6.85	6.83	0.78	
Wellpath Crosses Unit Line @ Heel										
12,073.00	42.35	178.23	12,010.25	-120.54	-78.05	121.01	6.85	6.83	0.73	

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL						
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)						
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)						
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid						
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature						
Design:	102H-152H AsDrilled	Database:	CRUDE_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)
12,118.00	45.69	178.50	12,042.60	-151.80	-77.16	152.25	7.43	7.42	0.60
12,192.00	48.36	171.29	12,093.08	-205.65	-72.28	206.07	7.99	3.61	-9.74
12,286.00	48.70	169.44	12,155.33	-275.08	-60.48	275.43	1.52	0.36	-1.97
12,357.00	54.48	173.27	12,199.43	-330.05	-52.20	330.36	9.17	8.14	5.39
12,450.00	73.40	180.92	12,240.15	-413.05	-48.44	413.33	21.62	20.34	8.23
12,463.04	76.08	181.53	12,243.58	-425.63	-48.71	425.91	21.03	20.53	4.72
PLU 25 BD 102H_RSN 152H 80°									
12,471.00	77.71	181.90	12,245.39	-433.37	-48.95	433.66	21.03	20.54	4.63
Wellpath Crosses 330' HL @ Heel									
12,485.00	80.59	182.54	12,248.02	-447.11	-49.48	447.40	21.03	20.55	4.55
12,489.52	81.08	182.53	12,248.74	-451.57	-49.68	451.85	10.81	10.80	-0.21
PLU 25 BD 102H_RSN 152H FTP_350FNL_581FEL									
12,491.00	81.24	182.53	12,248.97	-453.03	-49.74	453.32	10.81	10.80	-0.21
Wellpath Crosses FTP									
12,563.71	89.09	182.38	12,255.09	-525.36	-52.84	525.66	10.81	10.80	-0.21
PLU 25 BD 102H_RSN 152H LP p6 (~79'Past FTP)									
12,567.00	89.45	182.37	12,255.13	-528.65	-52.97	528.95	10.81	10.80	-0.21
12,661.00	90.01	176.85	12,255.58	-622.61	-52.33	622.91	5.90	0.60	-5.87
12,754.00	90.77	177.33	12,254.94	-715.48	-47.61	715.75	0.97	0.82	0.52
12,848.00	92.14	177.80	12,252.56	-809.37	-43.62	809.61	1.54	1.46	0.50
12,942.00	93.35	176.21	12,248.06	-903.12	-38.72	903.34	2.12	1.29	-1.69
13,036.00	93.69	176.60	12,242.28	-996.76	-32.83	996.94	0.55	0.36	0.41
13,131.00	89.62	177.20	12,239.54	-1,091.56	-27.70	1,091.71	4.33	-4.28	0.63
13,224.00	88.47	177.32	12,241.09	-1,184.44	-23.25	1,184.56	1.24	-1.24	0.13
13,318.00	89.06	178.47	12,243.12	-1,278.36	-19.80	1,278.45	1.37	0.63	1.22
13,413.00	91.53	179.89	12,242.63	-1,373.33	-18.44	1,373.42	3.00	2.60	1.49
13,506.00	90.24	179.75	12,241.19	-1,466.32	-18.15	1,466.40	1.40	-1.39	-0.15
13,600.00	93.60	180.73	12,238.04	-1,560.25	-18.54	1,560.34	3.72	3.57	1.04
13,694.00	90.10	180.48	12,235.01	-1,654.18	-19.53	1,654.27	3.73	-3.72	-0.27
13,788.00	89.31	180.91	12,235.49	-1,748.17	-20.68	1,748.27	0.96	-0.84	0.46
13,882.00	89.37	181.32	12,236.57	-1,842.15	-22.50	1,842.25	0.44	0.06	0.44
13,976.00	86.62	180.65	12,239.86	-1,936.07	-24.12	1,936.18	3.01	-2.93	-0.71
14,070.00	89.48	180.76	12,243.06	-2,030.00	-25.28	2,030.11	3.04	3.04	0.12
14,164.00	87.41	180.95	12,245.61	-2,123.95	-26.68	2,124.07	2.21	-2.20	0.20
14,258.00	92.98	182.49	12,245.29	-2,217.87	-29.50	2,218.00	6.15	5.93	1.64
14,352.00	89.79	182.89	12,243.02	-2,311.72	-33.91	2,311.88	3.42	-3.39	0.43
14,445.00	90.80	181.88	12,242.54	-2,404.64	-37.78	2,404.82	1.54	1.09	-1.09
14,539.00	90.21	178.92	12,241.71	-2,498.62	-38.43	2,498.80	3.21	-0.63	-3.15
14,634.00	88.87	178.34	12,242.48	-2,593.59	-36.16	2,593.76	1.54	-1.41	-0.61
14,727.00	88.44	179.16	12,244.66	-2,686.54	-34.13	2,686.69	1.00	-0.46	0.88
14,821.00	90.88	176.57	12,245.22	-2,780.46	-30.63	2,780.59	3.79	2.60	-2.76
14,915.00	87.04	175.38	12,246.92	-2,874.19	-24.04	2,874.28	4.28	-4.09	-1.27
15,009.00	92.39	177.66	12,247.39	-2,967.98	-18.33	2,968.03	6.19	5.69	2.43

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_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)
15,104.00	90.27	175.81	12,245.18	-3,062.79	-12.93	3,062.81	2.96	-2.23	-1.95
15,197.00	89.06	174.97	12,245.73	-3,155.48	-5.45	3,155.46	1.58	-1.30	-0.90
15,291.00	91.95	177.74	12,244.90	-3,249.27	0.52	3,249.21	4.26	3.07	2.95
15,385.00	89.51	178.52	12,243.70	-3,343.20	3.59	3,343.12	2.73	-2.60	0.83
15,478.00	93.29	180.38	12,241.43	-3,436.15	4.48	3,436.06	4.53	4.06	2.00
15,572.00	89.37	178.81	12,239.25	-3,530.10	5.15	3,530.01	4.49	-4.17	-1.67
15,665.00	88.75	178.43	12,240.77	-3,623.06	7.39	3,622.95	0.78	-0.67	-0.41
15,759.00	89.43	180.16	12,242.27	-3,717.04	8.55	3,716.92	1.98	0.72	1.84
15,853.00	92.90	180.35	12,240.36	-3,811.00	8.13	3,810.89	3.70	3.69	0.20
15,946.00	91.97	179.31	12,236.41	-3,903.92	8.40	3,903.80	1.50	-1.00	-1.12
16,040.00	91.56	179.17	12,233.51	-3,997.86	9.65	3,997.74	0.46	-0.44	-0.15
16,133.00	90.55	179.33	12,231.80	-4,090.84	10.87	4,090.70	1.10	-1.09	0.17
16,226.00	90.60	178.07	12,230.86	-4,183.81	12.98	4,183.66	1.36	0.05	-1.35
16,320.00	90.07	179.45	12,230.32	-4,277.78	15.01	4,277.62	1.57	-0.56	1.47
16,415.00	89.90	179.11	12,230.34	-4,372.77	16.20	4,372.60	0.40	-0.18	-0.36
16,508.00	90.43	180.04	12,230.07	-4,465.77	16.89	4,465.59	1.15	0.57	1.00
16,603.00	90.04	180.60	12,229.68	-4,560.77	16.36	4,560.59	0.72	-0.41	0.59
16,696.00	89.03	180.72	12,230.44	-4,653.76	15.29	4,653.58	1.09	-1.09	0.13
16,790.00	89.71	181.23	12,231.47	-4,747.74	13.69	4,747.57	0.90	0.72	0.54
16,883.00	89.12	180.57	12,232.42	-4,840.72	12.23	4,840.56	0.95	-0.63	-0.71
16,977.00	88.98	180.50	12,233.98	-4,934.70	11.35	4,934.55	0.17	-0.15	-0.07
17,071.00	90.07	179.93	12,234.76	-5,028.70	11.00	5,028.54	1.31	1.16	-0.61
17,164.00	88.25	179.47	12,236.12	-5,121.68	11.49	5,121.52	2.02	-1.96	-0.49
17,258.00	87.52	177.06	12,239.59	-5,215.57	14.33	5,215.39	2.68	-0.78	-2.56
17,352.00	89.43	177.81	12,242.09	-5,309.43	18.54	5,309.23	2.18	2.03	0.80
17,445.00	91.89	180.19	12,241.02	-5,402.40	20.16	5,402.19	3.68	2.65	2.56
17,539.00	88.50	176.80	12,240.70	-5,496.34	22.63	5,496.11	5.10	-3.61	-3.61
17,633.00	90.01	178.96	12,241.92	-5,590.26	26.10	5,590.01	2.80	1.61	2.30
17,727.00	89.03	179.26	12,242.71	-5,684.24	27.56	5,683.98	1.09	-1.04	0.32
17,820.00	92.14	182.08	12,241.76	-5,777.21	26.48	5,776.95	4.51	3.34	3.03
17,914.00	94.89	183.04	12,236.00	-5,870.93	22.29	5,870.70	3.10	2.93	1.02
18,008.00	93.52	183.20	12,229.11	-5,964.54	17.19	5,964.33	1.47	-1.46	0.17
18,102.00	91.70	183.06	12,224.83	-6,058.29	12.06	6,058.12	1.94	-1.94	-0.15
18,196.00	88.64	183.60	12,224.55	-6,152.12	6.60	6,151.98	3.31	-3.26	0.57
18,289.00	86.59	182.94	12,228.42	-6,244.89	1.30	6,244.77	2.32	-2.20	-0.71
18,384.00	90.74	184.14	12,230.63	-6,339.66	-4.56	6,339.57	4.55	4.37	1.26
18,477.00	87.55	183.59	12,232.02	-6,432.42	-10.83	6,432.37	3.48	-3.43	-0.59
18,571.00	89.79	182.76	12,234.20	-6,526.25	-16.04	6,526.23	2.54	2.38	-0.88
18,665.00	88.81	179.51	12,235.35	-6,620.21	-17.90	6,620.20	3.61	-1.04	-3.46
18,759.00	89.57	178.23	12,236.68	-6,714.18	-16.04	6,714.15	1.58	0.81	-1.36
18,852.00	91.22	178.27	12,236.04	-6,807.13	-13.20	6,807.09	1.77	1.77	0.04
18,946.00	93.21	179.10	12,232.40	-6,901.03	-11.05	6,900.97	2.29	2.12	0.88
19,040.00	90.07	181.65	12,229.71	-6,994.97	-11.66	6,994.91	4.30	-3.34	2.71

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_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)
19,134.00	90.04	182.21	12,229.62	-7,088.91	-14.83	7,088.88	0.60	-0.03	0.60
19,228.00	90.10	182.77	12,229.51	-7,182.82	-18.91	7,182.81	0.60	0.06	0.60
19,321.00	90.32	182.77	12,229.17	-7,275.72	-23.41	7,275.73	0.24	0.24	0.00
19,415.00	91.05	183.74	12,228.04	-7,369.56	-28.74	7,369.60	1.29	0.78	1.03
19,509.00	85.30	182.48	12,231.04	-7,463.33	-33.84	7,463.40	6.26	-6.12	-1.34
19,602.00	89.15	181.53	12,235.54	-7,556.14	-37.09	7,556.23	4.26	4.14	-1.02
19,696.00	90.07	181.61	12,236.18	-7,650.11	-39.66	7,650.21	0.98	0.98	0.09
19,790.00	90.88	181.90	12,235.40	-7,744.06	-42.54	7,744.17	0.92	0.86	0.31
19,800.04	90.70	181.86	12,235.26	-7,754.09	-42.87	7,754.21	1.89	-1.84	-0.43
PLU 25 BD 102H_RSN 152H LTP_330FSL_580FEL									
19,801.00	90.68	181.85	12,235.25	-7,755.05	-42.90	7,755.17	1.89	-1.84	-0.43
Wellpath Crosses LTP									
19,884.00	89.15	181.50	12,235.37	-7,838.01	-45.33	7,838.14	1.89	-1.84	-0.43
19,900.00	89.62	181.41	12,235.54	-7,854.01	-45.74	7,854.14	2.99	2.94	-0.56
19,930.57	89.62	181.41	12,235.75	-7,884.56	-46.49	7,884.70	0.00	0.00	0.00
PLU 25 BD 102H_RSN 152H PBHL p6_200FSL_580FEL									
19,945.00	89.62	181.41	12,235.84	-7,898.99	-46.85	7,899.13	0.00	0.00	0.00
TD @ 187FSL_622FEL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PLU 25 BD 102H_RSN - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	400,944.60	652,665.10	32° 6' 4.872 N	103° 50' 25.139 W
PLU 25 BD 102H_RSN - actual wellpath hits target center - Point	0.00	0.00	12,235.84	-7,898.99	-46.85	393,045.61	652,618.25	32° 4' 46.704 N	103° 50' 26.103 W
PLU 25 BD 102H_RSN - actual wellpath misses target center by 0.01usft at 19945.00usft MD (12235.84 TVD, -7898.99 N, -46.85 E) - Point	0.00	0.00	12,249.00	-7,755.50	-5.50	393,189.10	652,659.60	32° 4' 48.122 N	103° 50' 25.615 W
PLU 25 BD 102H_RSN - actual wellpath misses target center by 39.84usft at 19800.07usft MD (12235.26 TVD, -7754.12 N, -42.87 E) - Point	0.00	0.00	12,249.00	-7,885.50	-4.90	393,059.10	652,660.20	32° 4' 46.835 N	103° 50' 25.615 W
PLU 25 BD 102H_RSN - actual wellpath misses target center by 43.66usft at 19930.57usft MD (12235.75 TVD, -7884.56 N, -46.49 E) - Rectangle (sides W100.00 H7,433.00 D0.00)	0.00	0.00	12,249.00	-452.70	-23.10	400,491.90	652,642.00	32° 6' 0.393 N	103° 50' 25.432 W
PLU 25 BD 102H_RSN - actual wellpath misses target center by 26.60usft at 12489.52usft MD (12248.74 TVD, -451.57 N, -49.68 E) - Point	0.00	0.00	12,249.00	-452.70	-23.10	400,491.90	652,642.00	32° 6' 0.393 N	103° 50' 25.432 W

Survey Report

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 25 BD 102H_RSN 152H - Slot PLU 25 BD 102H_RSN 152H SHL
Project:	Eddy County, NM (NMEZ) NAD27 Grid	TVD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Site:	Poker Lake Unit 25 BD	MD Reference:	3343+22 @ 3365.00usft (102-152 AK22)
Well:	PLU 25 BD 102H_RSN 152H	North Reference:	Grid
Wellbore:	102H-152H	Survey Calculation Method:	Minimum Curvature
Design:	102H-152H AsDrilled	Database:	CRUDE_EDM

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
12,047.00	11,990.76	-103.34	-78.61	Wellpath Crosses Unit Line @ Heel	
12,471.00	12,245.39	-433.37	-48.95	Wellpath Crosses 330' HL @ Heel	
12,491.00	12,248.97	-453.03	-49.74	Wellpath Crosses FTP	
19,801.00	12,235.25	-7,755.05	-42.90	Wellpath Crosses LTP	
19,945.00	12,235.84	-7,898.99	-46.85	TD @ 187FSL,622FEL	

Checked By:	_____	Approved By:	_____	Date:	_____
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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 27651

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 27651
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 27651

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 27651
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/20/2021