

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 - 015-45485	⁵ Pool Name PURPLE SAGE: WOLFMP CAMP	⁶ Pool Code 98220
⁷ Property Code 325599	⁸ Property Name POKER LAKE UNIT 28 BS	⁹ Well Number 128H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	28	25S	31E		2310	North	630	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
P	4	26S	31E		214	South	292	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
373073	XTO Permian Operatng, LLC 6401 Holiday Hill Rd bldg #5, Midland, TX 79707	G
34053	Plains Marketing, LP	O
005380	XTO Energy, Inc	W

IV. Well Completion Data

²¹ Spud Date 12/1/2019	²² Ready Date 01/21/2021	²³ TD 24795 MD 11558 TVD	²⁴ PBT 24792 MD 11558 TVD	²⁵ Perforations 12107 - 24660	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24	18.625	1238	1885		
17.5	13.375	4163	3445		
12.25	9.625	10453	4580		
8.5	5.5/2.875	24795/ 10982	4760		

V. Well Test Data

³¹ Date New Oil 1/22/2021	³² Gas Delivery Date 1/22/2021	³³ Test Date 1/28/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1004	³⁶ Csg. Pressure 1189
³⁷ Choke Size	³⁸ Oil 1691	³⁹ Water 6552	⁴⁰ Gas 6950		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: **03/08/21** Phone: **432.218.3671**

OIL CONSERVATION DIVISION

Approved by: **Kurt Simmons**Title: **NMOCD, Santa Fe**Approval Date: **04/06/2021**

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 30-015-45485	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325599	⁵ Property Name POKER LAKE UNIT 28 BS	⁶ Well Number 128H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,338'

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
H	28	25 S	31 E		2,310	NORTH	630	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
P	4	26 S	31 E		214	SOUTH	292	EAST	EDDY

¹² Dedicated Acres 800	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 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,304.7 X= 672,551.1 LAT.= 32.102077°N LONG.= 103.776093°W KICK OFF POINT NAD 27 NME Y= 401,274.2 X= 672,850.1 LAT.= 32.101989°N LONG.= 103.775128°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,969.2 N, X= 673,180.1 E B - Y= 400,962.8 N, X= 671,850.9 E C - Y= 398,320.0 N, X= 673,176.8 E D - Y= 398,312.1 N, X= 671,845.7 E E - Y= 395,671.4 N, X= 673,189.8 E F - Y= 395,661.9 N, X= 671,859.4 E G - Y= 393,022.8 N, X= 673,202.8 E H - Y= 393,012.5 N, X= 671,873.1 E I - Y= 390,358.7 N, X= 673,210.7 E J - Y= 390,347.9 N, X= 671,881.5 E K - Y= 387,693.4 N, X= 670,218.1 E L - Y= 387,683.4 N, X= 671,889.6 E FIRST TAKE POINT NAD 83 NME Y= 400,645.6 X= 714,015.2 LAT.= 32.100227°N LONG.= 103.775684°W CORNER COORDINATES TABLE NAD 83 NME A - Y= 401,027.1 N, X= 714,365.8 E B - Y= 401,020.7 N, X= 713,036.5 E C - Y= 398,377.8 N, X= 714,362.6 E D - Y= 398,369.9 N, X= 713,031.4 E E - Y= 395,729.1 N, X= 714,375.7 E F - Y= 395,719.6 N, X= 713,045.2 E G - Y= 393,080.5 N, X= 714,388.8 E H - Y= 393,070.2 N, X= 713,059.0 E I - Y= 390,416.3 N, X= 714,396.8 E J - Y= 390,405.5 N, X= 713,067.5 E K - Y= 387,751.0 N, X= 711,404.2 E L - Y= 387,741.0 N, X= 713,075.8 E LAST TAKE POINT NAD 27 NME Y= 388,054.1 X= 672,911.8 LAT.= 32.065647°N LONG.= 103.775149°W BOTTOM HOLE LOCATION NAD 27 NME Y= 387,904.8 X= 672,925.6 LAT.= 32.065236°N LONG.= 103.775107°W LAST TAKE POINT NAD 83 NME Y= 388,111.7 X= 714,098.0 LAT.= 32.065772°N LONG.= 103.775625°W BOTTOM HOLE LOCATION NAD 83 NME Y= 387,962.4 X= 714,111.8 LAT.= 32.065361°N LONG.= 103.775583°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. Cassie Evans 03/08/21 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. 1-28-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2017071000
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Intent ☐ As Drilled ☒API #
30-015-45485

Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 29 BS	Well Number 128H
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Kick Off Point (KOP)

UL F	Section 28	Township 25S	Range 31E	Lot	Feet 2,341	From N/S FNL	Feet 331	From E/W FEL	County EDDY
Latitude 32.102113					Longitude 103.775606			NAD 83	

First Take Point (FTP)

UL I	Section 28	Township 25S	Range 31E	Lot	Feet 2,270	From N/S FSL	Feet 350	From E/W FEL	County EDDY
Latitude 32.100227					Longitude 103.775684			NAD 83	

Last Take Point (LTP)

UL P	Section 4	Township 26S	Range 31E	Lot	Feet 363	From N/S FSL	Feet 305	From E/W FEL	County EDDY
Latitude 32.065772					Longitude 103.775625			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



Survey Certification

April 29, 2020

State of New Mexico
County of Eddy

I, Jack Simmons, certify that; I am employed by Geoguidance Drilling Services; that I did on the day(s) of December 02, 2019 through January 17, 2020 conduct or supervise the taking of a directional MWD survey from a depth of 151 feet to a depth of 24737 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Geoguidance Drilling Services; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for Poker Lake Unit 28 BS #128H API No. 30-015-45485 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Geoguidance Drilling Services.

Jack Simmons

Survey Instrument Type
MWD

Jack Simmons
MWD Manager
Drilling Services

"Professionals in Wellbore Navigation"



XTO ENERGY INC.

EDDY COUNTY, NM
POKER LAKE UNIT 28 BS
PLU 28 BS 128H
PLU 28 BS 128H

Design: PLU 28 BS 128H

FINAL SURVEY REPORT

17 January, 2020





GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Project	EDDY COUNTY, NM		
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 28 BS		
Site Position:		Northing:	390,000.00 usft
From:	Map	Easting:	672,000.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.071009
		Longitude:	-103.778061
		Grid Convergence:	0.29 °

Well		PLU 28 BS 128H, SUR. N 401304.7 E 672551.1				
Well Position	+N/-S	0.00 usft	Northing:	401,304.70 usft	Latitude:	32.102077
	+E/-W	0.00 usft	Easting:	672,551.10 usft	Longitude:	-103.776093
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,338.00 usft

Wellbore	PLU 28 BS 128H		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/25/2019	6.78	59.89	47,594

Design		PLU 28 BS 128H		
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	179.83



GeoGuidance Drilling FINAL SURVEY REPORT



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Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey Program		Date 1/17/2020			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
151.00	10,391.00	Survey #1 (PLU 28 BS 128H)	MWD+IGRF	OWSG MWD + IGRF or WMM	
10,548.00	24,810.00	Survey #2 (PLU 28 BS 128H)	MWD+IGRF+MS	OWSG MWD + IGRF or WMM + Multi-Station Correctic	

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)	
0.00	0.00	0.00	0.00	3,370.00	0.00	0.00	401,304.70	672,551.10	0.00	0.00	
151.00	0.35	214.43	151.00	3,219.00	-0.38	-0.26	401,304.32	672,550.84	0.23	0.38	
266.00	0.35	260.31	266.00	3,104.00	-0.73	-0.81	401,303.97	672,550.29	0.24	0.73	
366.00	0.53	267.87	365.99	3,004.01	-0.80	-1.57	401,303.90	672,549.53	0.19	0.79	
481.00	0.40	318.67	480.99	2,889.01	-0.52	-2.37	401,304.18	672,548.73	0.36	0.51	
573.00	0.13	305.92	572.99	2,797.01	-0.21	-2.66	401,304.49	672,548.44	0.30	0.21	
665.00	0.31	277.89	664.99	2,705.01	-0.12	-2.99	401,304.58	672,548.11	0.22	0.11	
757.00	0.62	286.24	756.99	2,613.01	0.05	-3.72	401,304.75	672,547.38	0.34	-0.07	
848.00	0.48	298.10	847.98	2,522.02	0.37	-4.53	401,305.07	672,546.57	0.20	-0.39	
946.00	0.57	303.55	945.98	2,424.02	0.83	-5.29	401,305.53	672,545.81	0.10	-0.85	
1,040.00	0.44	268.51	1,039.97	2,330.03	1.08	-6.05	401,305.78	672,545.05	0.35	-1.10	
1,134.00	0.79	264.09	1,133.97	2,236.03	1.01	-7.05	401,305.71	672,544.05	0.38	-1.03	
1,276.00	0.04	47.52	1,275.96	2,094.04	0.94	-7.99	401,305.64	672,543.11	0.58	-0.96	
1,371.00	0.53	246.16	1,370.96	1,999.04	0.79	-8.37	401,305.49	672,542.73	0.60	-0.81	
1,465.00	0.44	229.99	1,464.96	1,905.04	0.38	-9.04	401,305.08	672,542.06	0.17	-0.40	
1,559.00	0.62	227.70	1,558.96	1,811.04	-0.20	-9.69	401,304.50	672,541.41	0.19	0.17	
1,652.00	0.75	232.18	1,651.95	1,718.05	-0.91	-10.55	401,303.79	672,540.55	0.15	0.88	
1,746.00	0.70	179.10	1,745.94	1,624.06	-1.86	-11.02	401,302.84	672,540.08	0.69	1.83	
1,841.00	0.88	154.22	1,840.93	1,529.07	-3.10	-10.70	401,301.60	672,540.40	0.40	3.07	
1,935.00	1.01	157.74	1,934.92	1,435.08	-4.51	-10.07	401,300.19	672,541.03	0.15	4.48	
2,029.00	1.01	156.69	2,028.91	1,341.09	-6.04	-9.43	401,298.66	672,541.67	0.02	6.01	



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
2,123.00	1.10	165.30	2,122.89	1,247.11	-7.68	-8.87	401,297.02	672,542.23	0.19	7.65
2,217.00	1.19	162.22	2,216.87	1,153.13	-9.48	-8.34	401,295.22	672,542.76	0.12	9.45
2,311.00	1.27	164.77	2,310.85	1,059.15	-11.41	-7.77	401,293.29	672,543.33	0.10	11.39
2,405.00	1.36	165.30	2,404.83	965.17	-13.50	-7.21	401,291.20	672,543.89	0.10	13.47
2,499.00	1.36	167.23	2,498.80	871.20	-15.66	-6.68	401,289.04	672,544.42	0.05	15.64
2,593.00	1.54	166.62	2,592.77	777.23	-17.98	-6.15	401,286.72	672,544.95	0.19	17.96
2,687.00	1.23	182.61	2,686.74	683.26	-20.22	-5.90	401,284.48	672,545.20	0.52	20.20
2,781.00	0.18	149.83	2,780.73	589.27	-21.35	-5.87	401,283.35	672,545.23	1.15	21.33
2,876.00	0.26	15.18	2,875.73	494.27	-21.27	-5.74	401,283.43	672,545.36	0.43	21.26
2,970.00	0.31	44.98	2,969.73	400.27	-20.89	-5.50	401,283.81	672,545.60	0.16	20.87
3,063.00	0.01	36.98	3,062.73	307.27	-20.70	-5.32	401,284.00	672,545.78	0.32	20.69
3,158.00	0.35	343.36	3,157.73	212.27	-20.42	-5.40	401,284.28	672,545.70	0.36	20.40
3,252.00	0.40	339.76	3,251.73	118.27	-19.84	-5.59	401,284.86	672,545.51	0.06	19.82
3,347.00	0.48	317.61	3,346.73	23.27	-19.23	-5.98	401,285.47	672,545.12	0.20	19.21
3,440.00	0.09	299.51	3,439.72	-69.72	-18.91	-6.30	401,285.79	672,544.80	0.43	18.89
3,535.00	0.40	265.14	3,534.72	-164.72	-18.90	-6.70	401,285.80	672,544.40	0.35	18.88
3,629.00	0.53	262.24	3,628.72	-258.72	-18.98	-7.46	401,285.72	672,543.64	0.14	18.96
3,724.00	0.66	240.08	3,723.72	-353.72	-19.32	-8.37	401,285.38	672,542.73	0.28	19.29
3,817.00	0.75	301.09	3,816.71	-446.71	-19.27	-9.35	401,285.43	672,541.75	0.77	19.24
3,911.00	0.84	330.88	3,910.70	-540.70	-18.35	-10.21	401,286.35	672,540.89	0.44	18.32
4,005.00	0.53	313.57	4,004.69	-634.69	-17.45	-10.86	401,287.25	672,540.24	0.39	17.42
4,092.00	0.53	295.46	4,091.69	-721.69	-17.00	-11.52	401,287.70	672,539.58	0.19	16.96
4,160.00	0.62	312.52	4,159.69	-789.69	-16.61	-12.07	401,288.09	672,539.03	0.28	16.58
4,255.00	0.53	312.43	4,254.68	-884.68	-15.97	-12.78	401,288.73	672,538.32	0.09	15.93
4,349.00	0.48	35.66	4,348.68	-978.68	-15.36	-12.87	401,289.34	672,538.23	0.71	15.32
4,443.00	3.38	85.23	4,442.62	-1,072.62	-14.81	-9.88	401,289.89	672,541.22	3.29	14.78
4,537.00	3.47	84.00	4,536.45	-1,166.45	-14.28	-4.29	401,290.42	672,546.81	0.12	14.27



GeoGuidance Drilling FINAL SURVEY REPORT



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Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
4,631.00	3.47	81.80	4,630.28	-1,260.28	-13.58	1.36	401,291.12	672,552.46	0.14	13.58
4,725.00	3.82	80.57	4,724.09	-1,354.09	-12.66	7.26	401,292.04	672,558.36	0.38	12.68
4,820.00	4.70	90.15	4,818.83	-1,448.83	-12.15	14.28	401,292.55	672,565.38	1.19	12.19
4,915.00	5.63	97.80	4,913.44	-1,543.44	-12.79	22.79	401,291.91	672,573.89	1.22	12.86
5,008.00	6.77	97.62	5,005.90	-1,635.90	-14.14	32.74	401,290.56	672,583.84	1.23	14.23
5,102.00	6.95	96.48	5,099.22	-1,729.22	-15.51	43.88	401,289.19	672,594.98	0.24	15.64
5,195.00	6.64	96.39	5,191.57	-1,821.57	-16.75	54.82	401,287.95	672,605.92	0.33	16.91
5,289.00	6.07	97.71	5,284.99	-1,914.99	-18.02	65.14	401,286.68	672,616.24	0.63	18.21
5,383.00	6.59	96.57	5,378.42	-2,008.42	-19.30	75.43	401,285.40	672,626.53	0.57	19.53
5,478.00	6.99	94.37	5,472.75	-2,102.75	-20.37	86.60	401,284.33	672,637.70	0.50	20.62
5,572.00	6.90	95.16	5,566.06	-2,196.06	-21.31	97.93	401,283.39	672,649.03	0.14	21.60
5,665.00	6.68	96.48	5,658.41	-2,288.41	-22.42	108.87	401,282.28	672,659.97	0.29	22.75
5,759.00	6.46	97.18	5,751.79	-2,381.79	-23.70	119.55	401,281.00	672,670.65	0.25	24.06
5,854.00	6.15	97.97	5,846.22	-2,476.22	-25.07	129.89	401,279.63	672,680.99	0.34	25.46
5,947.00	5.85	99.38	5,938.71	-2,568.71	-26.54	139.50	401,278.16	672,690.60	0.36	26.95
6,041.00	5.98	96.92	6,032.21	-2,662.21	-27.91	149.09	401,276.79	672,700.19	0.30	28.35
6,135.00	6.29	93.93	6,125.67	-2,755.67	-28.85	159.09	401,275.85	672,710.19	0.47	29.32
6,229.00	6.11	95.34	6,219.12	-2,849.12	-29.67	169.20	401,275.03	672,720.30	0.25	30.17
6,323.00	6.07	96.66	6,312.59	-2,942.59	-30.71	179.12	401,273.99	672,730.22	0.15	31.24
6,416.00	6.29	94.63	6,405.05	-3,035.05	-31.69	189.08	401,273.01	672,740.18	0.33	32.25
6,510.00	6.46	94.28	6,498.47	-3,128.47	-32.50	199.49	401,272.20	672,750.59	0.19	33.10
6,604.00	6.20	95.16	6,591.89	-3,221.89	-33.35	209.82	401,271.35	672,760.92	0.30	33.98
6,699.00	6.11	96.74	6,686.35	-3,316.35	-34.41	219.95	401,270.29	672,771.05	0.20	35.06
6,792.00	6.24	98.06	6,778.81	-3,408.81	-35.70	229.87	401,269.00	672,780.97	0.21	36.38
6,886.00	6.15	100.26	6,872.26	-3,502.26	-37.31	239.88	401,267.39	672,790.98	0.27	38.02
6,980.00	6.11	99.91	6,965.72	-3,595.72	-39.07	249.76	401,265.63	672,800.86	0.06	39.81
7,074.00	5.19	98.15	7,059.26	-3,689.26	-40.53	258.90	401,264.17	672,810.00	1.00	41.30

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COMPASS 5000.1 Build 56



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
7,169.00	4.22	95.07	7,153.94	-3,783.94	-41.45	266.63	401,263.25	672,817.73	1.05	42.24
7,263.00	3.08	87.60	7,247.75	-3,877.75	-41.65	272.60	401,263.05	672,823.70	1.31	42.46
7,357.00	2.68	86.46	7,341.63	-3,971.63	-41.41	277.32	401,263.29	672,828.42	0.43	42.23
7,451.00	2.46	79.08	7,435.54	-4,065.54	-40.89	281.49	401,263.81	672,832.59	0.42	41.73
7,545.00	2.11	69.76	7,529.46	-4,159.46	-39.91	285.10	401,264.79	672,836.20	0.54	40.76
7,640.00	2.24	62.03	7,624.39	-4,254.39	-38.44	288.38	401,266.26	672,839.48	0.34	39.29
7,734.00	2.07	67.74	7,718.33	-4,348.33	-36.93	291.57	401,267.77	672,842.67	0.29	37.80
7,828.00	1.89	53.24	7,812.27	-4,442.27	-35.36	294.38	401,269.34	672,845.48	0.56	36.23
7,922.00	1.67	36.71	7,906.23	-4,536.23	-33.33	296.45	401,271.37	672,847.55	0.59	34.21
8,016.00	1.71	31.97	8,000.19	-4,630.19	-31.05	298.01	401,273.65	672,849.11	0.15	31.93
8,109.00	1.45	37.15	8,093.15	-4,723.15	-28.93	299.45	401,275.77	672,850.55	0.32	29.82
8,203.00	1.32	37.94	8,187.12	-4,817.12	-27.13	300.84	401,277.57	672,851.94	0.14	28.02
8,297.00	1.36	37.42	8,281.10	-4,911.10	-25.39	302.18	401,279.31	672,853.28	0.04	26.29
8,390.00	1.32	27.49	8,374.07	-5,004.07	-23.56	303.34	401,281.14	672,854.44	0.25	24.46
8,484.00	1.14	4.81	8,468.05	-5,098.05	-21.67	303.92	401,283.03	672,855.02	0.55	22.57
8,579.00	1.41	348.73	8,563.03	-5,193.03	-19.58	303.77	401,285.12	672,854.87	0.47	20.48
8,673.00	1.36	328.51	8,657.00	-5,287.00	-17.50	302.96	401,287.20	672,854.06	0.52	18.40
8,767.00	1.54	316.12	8,750.97	-5,380.97	-15.64	301.51	401,289.06	672,852.61	0.38	16.53
8,861.00	1.58	322.62	8,844.94	-5,474.94	-13.70	299.84	401,291.00	672,850.94	0.19	14.59
8,955.00	1.93	312.60	8,938.89	-5,568.89	-11.59	297.89	401,293.11	672,848.99	0.49	12.48
9,049.00	1.41	278.24	9,032.85	-5,662.85	-10.36	295.58	401,294.34	672,846.68	1.17	11.23
9,143.00	1.32	246.07	9,126.83	-5,756.83	-10.63	293.45	401,294.07	672,844.55	0.81	11.50
9,238.00	0.62	278.85	9,221.82	-5,851.82	-11.00	291.94	401,293.70	672,843.04	0.91	11.86
9,331.00	0.70	341.61	9,314.81	-5,944.81	-10.38	291.26	401,294.32	672,842.36	0.74	11.24
9,425.00	0.79	319.55	9,408.80	-6,038.80	-9.34	290.66	401,295.36	672,841.76	0.32	10.20
9,519.00	0.70	275.25	9,502.80	-6,132.80	-8.80	289.67	401,295.90	672,840.77	0.60	9.65
9,614.00	0.79	234.82	9,597.79	-6,227.79	-9.12	288.56	401,295.58	672,839.66	0.55	9.98



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
9,708.00	0.97	201.33	9,691.78	-6,321.78	-10.23	287.74	401,294.47	672,838.84	0.57	11.09
9,802.00	1.23	197.99	9,785.76	-6,415.76	-11.93	287.14	401,292.77	672,838.24	0.28	12.79
9,895.00	0.97	175.72	9,878.74	-6,508.74	-13.67	286.89	401,291.03	672,837.99	0.53	14.52
9,989.00	1.01	148.60	9,972.73	-6,602.73	-15.17	287.38	401,289.53	672,838.48	0.50	16.02
10,083.00	1.23	136.47	10,066.71	-6,696.71	-16.61	288.50	401,288.09	672,839.60	0.34	17.46
10,177.00	1.27	140.16	10,160.69	-6,790.69	-18.14	289.87	401,286.56	672,840.97	0.10	19.00
10,270.00	1.19	167.23	10,253.67	-6,883.67	-19.87	290.74	401,284.83	672,841.84	0.62	20.74
10,364.00	1.67	177.95	10,347.64	-6,977.64	-22.19	291.01	401,282.51	672,842.11	0.58	23.06
10,391.00	1.89	180.15	10,374.63	-7,004.63	-23.03	291.02	401,281.67	672,842.12	0.85	23.90
10,548.00	1.82	177.11	10,531.54	-7,161.54	-28.11	291.14	401,276.59	672,842.24	0.08	28.97
10,642.00	1.10	74.29	10,625.53	-7,255.53	-29.36	292.08	401,275.34	672,843.18	2.47	30.22
10,736.00	1.40	65.90	10,719.50	-7,349.50	-28.64	294.00	401,276.06	672,845.10	0.37	29.52
10,829.00	1.44	81.18	10,812.47	-7,442.47	-28.00	296.19	401,276.70	672,847.29	0.41	28.88
10,924.00	1.30	89.55	10,907.45	-7,537.45	-27.81	298.45	401,276.89	672,849.55	0.26	28.70
11,018.00	6.38	180.72	11,001.25	-7,631.25	-33.03	299.45	401,271.67	672,850.55	6.95	33.92
11,065.00	12.83	188.30	11,047.56	-7,677.56	-40.81	298.66	401,263.89	672,849.76	13.96	41.70
11,112.00	14.93	186.98	11,093.19	-7,723.19	-51.99	297.17	401,252.71	672,848.27	4.52	52.87
11,159.00	15.84	182.55	11,138.51	-7,768.51	-64.41	296.15	401,240.29	672,847.25	3.16	65.28
11,206.00	18.41	183.48	11,183.42	-7,813.42	-78.22	295.42	401,226.48	672,846.52	5.50	79.10
11,253.00	20.61	182.35	11,227.72	-7,857.72	-93.90	294.63	401,210.80	672,845.73	4.75	94.77
11,300.00	22.36	180.17	11,271.45	-7,901.45	-111.11	294.26	401,193.59	672,845.36	4.09	111.98
11,347.00	25.06	176.17	11,314.48	-7,944.48	-129.98	294.90	401,174.72	672,846.00	6.68	130.86
11,394.00	26.67	177.09	11,356.77	-7,986.77	-150.45	296.10	401,154.25	672,847.20	3.53	151.33
11,442.00	30.30	177.27	11,398.96	-8,028.96	-173.31	297.22	401,131.39	672,848.32	7.56	174.19
11,489.00	33.75	179.94	11,438.80	-8,068.80	-198.22	297.80	401,106.48	672,848.90	7.93	199.10
11,536.00	35.89	182.20	11,477.38	-8,107.38	-225.05	297.29	401,079.65	672,848.39	5.32	225.93
11,583.00	39.81	181.67	11,514.49	-8,144.49	-253.86	296.32	401,050.84	672,847.42	8.37	254.74



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
11,630.00	44.79	180.83	11,549.24	-8,179.24	-285.48	295.64	401,019.22	672,846.74	10.66	286.35
11,677.00	48.69	181.68	11,581.44	-8,211.44	-319.69	294.88	400,985.01	672,845.98	8.40	320.56
11,724.00	53.82	182.30	11,610.85	-8,240.85	-356.31	293.60	400,948.39	672,844.70	10.96	357.18
11,772.00	59.04	182.48	11,637.38	-8,267.38	-396.26	291.93	400,908.44	672,843.03	10.88	397.12
11,819.00	64.12	183.69	11,659.74	-8,289.74	-437.52	289.70	400,867.18	672,840.80	11.04	438.37
11,865.00	69.04	183.11	11,678.02	-8,308.02	-479.64	287.20	400,825.06	672,838.30	10.76	480.49
11,912.00	73.53	182.95	11,693.10	-8,323.10	-524.08	284.85	400,780.62	672,835.95	9.56	524.92
11,959.00	78.89	182.56	11,704.30	-8,334.30	-569.66	282.66	400,735.04	672,833.76	11.43	570.49
12,006.00	84.21	182.18	11,711.20	-8,341.20	-616.09	280.74	400,688.61	672,831.84	11.35	616.92
12,053.00	89.26	181.56	11,713.88	-8,343.88	-662.97	279.21	400,641.73	672,830.31	10.83	663.80
12,146.00	93.54	180.19	11,711.61	-8,341.61	-755.91	277.79	400,548.79	672,828.89	4.83	756.73
12,240.00	92.67	179.82	11,706.51	-8,336.51	-849.77	277.78	400,454.93	672,828.88	1.01	850.59
12,334.00	90.35	178.15	11,704.04	-8,334.04	-943.71	279.44	400,360.99	672,830.54	3.04	944.54
12,428.00	90.10	177.71	11,703.67	-8,333.67	-1,037.65	282.84	400,267.05	672,833.94	0.54	1,038.49
12,521.00	89.43	176.85	11,704.05	-8,334.05	-1,130.55	287.25	400,174.15	672,838.35	1.17	1,131.39
12,616.00	88.36	177.75	11,705.88	-8,335.88	-1,225.42	291.73	400,079.28	672,842.83	1.47	1,226.28
12,711.00	88.56	179.05	11,708.43	-8,338.43	-1,320.35	294.38	399,984.35	672,845.48	1.38	1,321.21
12,805.00	90.80	179.45	11,708.96	-8,338.96	-1,414.33	295.61	399,890.37	672,846.71	2.42	1,415.20
12,900.00	91.81	179.57	11,706.80	-8,336.80	-1,509.30	296.42	399,795.40	672,847.52	1.07	1,510.17
12,994.00	90.41	179.12	11,704.98	-8,334.98	-1,603.27	297.49	399,701.43	672,848.59	1.56	1,604.15
13,088.00	90.60	179.04	11,704.15	-8,334.15	-1,697.26	299.00	399,607.44	672,850.10	0.22	1,698.14
13,181.00	89.62	179.35	11,703.97	-8,333.97	-1,790.25	300.31	399,514.45	672,851.41	1.11	1,791.13
13,276.00	88.14	178.80	11,705.82	-8,335.82	-1,885.21	301.84	399,419.49	672,852.94	1.66	1,886.10
13,370.00	88.33	178.42	11,708.72	-8,338.72	-1,979.14	304.12	399,325.56	672,855.22	0.45	1,980.04
13,463.00	91.69	180.30	11,708.70	-8,338.70	-2,072.12	305.16	399,232.58	672,856.26	4.14	2,073.02
13,557.00	90.49	180.13	11,706.92	-8,336.92	-2,166.10	304.81	399,138.60	672,855.91	1.29	2,166.99
13,651.00	89.87	180.30	11,706.62	-8,336.62	-2,260.10	304.46	399,044.60	672,855.56	0.68	2,260.99



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
13,744.00	89.99	181.05	11,706.73	-8,336.73	-2,353.09	303.36	398,951.61	672,854.46	0.82	2,353.98
13,838.00	89.03	180.35	11,707.54	-8,337.54	-2,447.08	302.21	398,857.62	672,853.31	1.26	2,447.96
13,930.00	89.01	180.64	11,709.11	-8,339.11	-2,539.06	301.42	398,765.64	672,852.52	0.32	2,539.94
14,024.00	87.18	179.43	11,712.24	-8,342.24	-2,633.00	301.36	398,671.70	672,852.46	2.33	2,633.89
14,118.00	86.65	179.45	11,717.30	-8,347.30	-2,726.86	302.28	398,577.84	672,853.38	0.56	2,727.75
14,143.00	86.65	179.41	11,718.76	-8,348.76	-2,751.82	302.52	398,552.88	672,853.62	0.16	2,752.70
14,238.00	86.74	179.48	11,724.23	-8,354.23	-2,846.66	303.44	398,458.04	672,854.54	0.12	2,847.54
14,332.00	89.06	179.75	11,727.68	-8,357.68	-2,940.58	304.07	398,364.12	672,855.17	2.48	2,941.47
14,426.00	88.61	178.70	11,729.59	-8,359.59	-3,034.56	305.35	398,270.14	672,856.45	1.22	3,035.45
14,520.00	90.13	179.42	11,730.62	-8,360.62	-3,128.53	306.89	398,176.17	672,857.99	1.79	3,129.43
14,614.00	89.87	178.73	11,730.62	-8,360.62	-3,222.52	308.40	398,082.18	672,859.50	0.78	3,223.42
14,708.00	89.71	176.92	11,730.97	-8,360.97	-3,316.45	311.97	397,988.25	672,863.07	1.93	3,317.36
14,802.00	89.76	175.58	11,731.40	-8,361.40	-3,410.24	318.12	397,894.46	672,869.22	1.43	3,411.17
14,895.00	90.41	176.29	11,731.26	-8,361.26	-3,503.01	324.71	397,801.69	672,875.81	1.04	3,503.96
14,989.00	91.16	177.21	11,729.98	-8,359.98	-3,596.85	330.04	397,707.85	672,881.14	1.26	3,597.81
15,083.00	89.15	177.85	11,729.72	-8,359.72	-3,690.75	334.09	397,613.95	672,885.19	2.24	3,691.73
15,177.00	90.18	180.51	11,730.27	-8,360.27	-3,784.73	335.44	397,519.97	672,886.54	3.03	3,785.71
15,269.00	88.78	180.79	11,731.11	-8,361.11	-3,876.72	334.39	397,427.98	672,885.49	1.55	3,877.70
15,363.00	90.27	181.36	11,731.89	-8,361.89	-3,970.70	332.63	397,334.00	672,883.73	1.70	3,971.67
15,457.00	92.17	181.99	11,729.88	-8,359.88	-4,064.63	329.88	397,240.07	672,880.98	2.13	4,065.59
15,550.00	93.40	181.22	11,725.37	-8,355.37	-4,157.48	327.28	397,147.22	672,878.38	1.56	4,158.44
15,645.00	90.52	179.38	11,722.12	-8,352.12	-4,252.41	326.79	397,052.29	672,877.89	3.60	4,253.36
15,738.00	91.16	181.55	11,720.75	-8,350.75	-4,345.39	326.03	396,959.31	672,877.13	2.43	4,346.34
15,832.00	95.00	186.45	11,715.70	-8,345.70	-4,438.98	319.49	396,865.72	672,870.59	6.62	4,439.91
15,926.00	92.42	184.54	11,709.62	-8,339.62	-4,532.34	310.51	396,772.36	672,861.61	3.41	4,533.24
16,019.00	89.71	179.95	11,707.89	-8,337.89	-4,625.22	306.88	396,679.48	672,857.98	5.73	4,626.11
16,114.00	87.07	179.41	11,710.56	-8,340.56	-4,720.17	307.41	396,584.53	672,858.51	2.84	4,721.07



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
16,208.00	90.07	180.99	11,712.90	-8,342.90	-4,814.13	307.08	396,490.57	672,858.18	3.61	4,815.02
16,301.00	92.87	181.88	11,710.52	-8,340.52	-4,907.06	304.75	396,397.64	672,855.85	3.16	4,907.94
16,395.00	89.59	180.34	11,708.50	-8,338.50	-5,001.01	302.93	396,303.69	672,854.03	3.85	5,001.88
16,489.00	92.98	181.11	11,706.39	-8,336.39	-5,094.96	301.74	396,209.74	672,852.84	3.70	5,095.83
16,583.00	94.92	181.65	11,699.92	-8,329.92	-5,188.71	299.48	396,115.99	672,850.58	2.14	5,189.57
16,677.00	97.54	182.37	11,689.72	-8,319.72	-5,282.08	296.21	396,022.62	672,847.31	2.89	5,282.94
16,770.00	98.62	181.25	11,676.64	-8,306.64	-5,374.11	293.30	395,930.59	672,844.40	1.66	5,374.96
16,864.00	97.68	180.40	11,663.32	-8,293.32	-5,467.15	291.96	395,837.55	672,843.06	1.34	5,467.99
16,958.00	94.90	179.01	11,653.02	-8,283.02	-5,560.57	292.44	395,744.13	672,843.54	3.30	5,561.42
17,052.00	90.77	177.32	11,648.37	-8,278.37	-5,654.39	295.45	395,650.31	672,846.55	4.75	5,655.24
17,145.00	90.52	178.52	11,647.32	-8,277.32	-5,747.32	298.83	395,557.38	672,849.93	1.32	5,748.18
17,239.00	89.45	179.38	11,647.35	-8,277.35	-5,841.30	300.55	395,463.40	672,851.65	1.46	5,842.16
17,333.00	89.87	180.10	11,647.91	-8,277.91	-5,935.29	300.98	395,369.41	672,852.08	0.89	5,936.16
17,427.00	90.35	180.82	11,647.73	-8,277.73	-6,029.29	300.22	395,275.41	672,851.32	0.92	6,030.15
17,521.00	92.96	183.09	11,645.01	-8,275.01	-6,123.18	297.02	395,181.52	672,848.12	3.68	6,124.04
17,615.00	91.02	180.73	11,641.75	-8,271.75	-6,217.06	293.89	395,087.64	672,844.99	3.25	6,217.91
17,709.00	90.71	181.21	11,640.33	-8,270.33	-6,311.04	292.30	394,993.66	672,843.40	0.61	6,311.88
17,804.00	91.95	182.17	11,638.12	-8,268.12	-6,405.97	289.50	394,898.73	672,840.60	1.65	6,406.80
17,898.00	90.55	181.10	11,636.07	-8,266.07	-6,499.90	286.81	394,804.80	672,837.91	1.87	6,500.73
17,991.00	86.15	177.39	11,638.75	-8,268.75	-6,592.82	288.04	394,711.88	672,839.14	6.19	6,593.64
18,084.00	83.70	175.39	11,646.98	-8,276.98	-6,685.26	293.86	394,619.44	672,844.96	3.40	6,686.10
18,178.00	83.64	175.82	11,657.34	-8,287.34	-6,778.41	301.02	394,526.29	672,852.12	0.46	6,779.27
18,272.00	83.84	175.10	11,667.59	-8,297.59	-6,871.56	308.42	394,433.14	672,859.52	0.79	6,872.44
18,367.00	85.25	175.72	11,676.62	-8,306.62	-6,965.82	315.99	394,338.88	672,867.09	1.62	6,966.73
18,461.00	87.80	177.03	11,682.32	-8,312.32	-7,059.45	321.92	394,245.25	672,873.02	3.05	7,060.37
18,554.00	89.09	178.56	11,684.84	-8,314.84	-7,152.34	325.49	394,152.36	672,876.59	2.15	7,153.28
18,648.00	88.31	177.25	11,686.98	-8,316.98	-7,246.25	328.93	394,058.45	672,880.03	1.62	7,247.20



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
18,742.00	89.79	177.14	11,688.53	-8,318.53	-7,340.12	333.53	393,964.58	672,884.63	1.58	7,341.08
18,836.00	91.08	177.39	11,687.82	-8,317.82	-7,434.01	338.01	393,870.69	672,889.11	1.40	7,434.98
18,930.00	91.30	176.91	11,685.87	-8,315.87	-7,527.87	342.69	393,776.83	672,893.79	0.56	7,528.86
19,024.00	92.34	178.25	11,682.88	-8,312.88	-7,621.74	346.65	393,682.96	672,897.75	1.80	7,622.73
19,118.00	92.65	179.02	11,678.79	-8,308.79	-7,715.62	348.89	393,589.08	672,899.99	0.88	7,716.62
19,212.00	91.02	179.29	11,675.78	-8,305.78	-7,809.56	350.28	393,495.14	672,901.38	1.76	7,810.57
19,306.00	92.51	180.70	11,672.89	-8,302.89	-7,903.51	350.28	393,401.19	672,901.38	2.18	7,904.52
19,400.00	92.56	180.70	11,668.73	-8,298.73	-7,997.41	349.14	393,307.29	672,900.24	0.05	7,998.41
19,495.00	92.65	181.87	11,664.41	-8,294.41	-8,092.29	347.01	393,212.41	672,898.11	1.23	8,093.28
19,589.00	92.84	183.33	11,659.91	-8,289.91	-8,186.08	342.75	393,118.62	672,893.85	1.56	8,187.06
19,683.00	89.79	184.06	11,657.75	-8,287.75	-8,279.85	336.69	393,024.85	672,887.79	3.34	8,280.81
19,776.00	91.53	185.42	11,656.68	-8,286.68	-8,372.52	329.01	392,932.18	672,880.11	2.37	8,373.46
19,870.00	92.54	185.40	11,653.34	-8,283.34	-8,466.04	320.15	392,838.66	672,871.25	1.07	8,466.95
19,964.00	92.79	184.00	11,648.97	-8,278.97	-8,559.62	312.46	392,745.08	672,863.56	1.51	8,560.51
20,042.00	92.79	184.00	11,645.18	-8,275.18	-8,637.34	307.03	392,667.36	672,858.13	0.00	8,638.21
20,058.00	91.50	182.85	11,644.58	-8,274.58	-8,653.30	306.07	392,651.40	672,857.17	10.80	8,654.17
20,152.00	91.61	181.69	11,642.03	-8,272.03	-8,747.19	302.35	392,557.51	672,853.45	1.24	8,748.05
20,246.00	93.12	181.07	11,638.15	-8,268.15	-8,841.08	300.09	392,463.62	672,851.19	1.74	8,841.93
20,340.00	93.29	180.41	11,632.89	-8,262.89	-8,934.92	298.87	392,369.78	672,849.97	0.72	8,935.77
20,434.00	89.68	178.47	11,630.46	-8,260.46	-9,028.87	299.79	392,275.83	672,850.89	4.36	9,029.72
20,528.00	89.93	177.96	11,630.77	-8,260.77	-9,122.82	302.72	392,181.88	672,853.82	0.60	9,123.68
20,623.00	90.71	176.33	11,630.24	-8,260.24	-9,217.70	307.45	392,087.00	672,858.55	1.90	9,218.57
20,717.00	93.68	178.20	11,626.64	-8,256.64	-9,311.51	311.94	391,993.19	672,863.04	3.73	9,312.39
20,810.00	93.63	177.15	11,620.72	-8,250.72	-9,404.24	315.70	391,900.46	672,866.80	1.13	9,405.13
20,904.00	86.76	175.54	11,620.40	-8,250.40	-9,497.99	321.69	391,806.71	672,872.79	7.51	9,498.90
20,998.00	86.60	176.16	11,625.84	-8,255.84	-9,591.58	328.48	391,713.12	672,879.58	0.68	9,592.52
21,096.00	87.88	176.90	11,630.56	-8,260.56	-9,689.29	334.41	391,615.41	672,885.51	1.51	9,690.24



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
21,190.00	88.61	177.79	11,633.44	-8,263.44	-9,783.14	338.76	391,521.56	672,889.86	1.22	9,784.10
21,285.00	89.28	178.44	11,635.19	-8,265.19	-9,878.07	341.88	391,426.63	672,892.98	0.98	9,879.04
21,379.00	90.27	180.22	11,635.56	-8,265.56	-9,972.06	342.98	391,332.64	672,894.08	2.17	9,973.04
21,473.00	90.77	180.63	11,634.70	-8,264.70	-10,066.05	342.28	391,238.65	672,893.38	0.69	10,067.03
21,567.00	91.92	180.55	11,632.50	-8,262.50	-10,160.02	341.32	391,144.68	672,892.42	1.23	10,160.99
21,660.00	92.88	180.68	11,628.60	-8,258.60	-10,252.93	340.32	391,051.77	672,891.42	1.04	10,253.90
21,754.00	93.16	180.77	11,623.65	-8,253.65	-10,346.80	339.13	390,957.90	672,890.23	0.31	10,347.76
21,848.00	92.68	180.14	11,618.86	-8,248.86	-10,440.67	338.39	390,864.03	672,889.49	0.84	10,441.63
21,942.00	91.47	178.81	11,615.46	-8,245.46	-10,534.60	339.25	390,770.10	672,890.35	1.91	10,535.56
22,036.00	89.82	177.97	11,614.40	-8,244.40	-10,628.55	341.89	390,676.15	672,892.99	1.97	10,629.52
22,129.00	89.29	177.70	11,615.12	-8,245.12	-10,721.48	345.40	390,583.22	672,896.50	0.64	10,722.46
22,224.00	90.07	179.82	11,615.65	-8,245.65	-10,816.45	347.46	390,488.25	672,898.56	2.38	10,817.44
22,318.00	90.15	180.34	11,615.47	-8,245.47	-10,910.45	347.32	390,394.25	672,898.42	0.56	10,911.44
22,412.00	91.07	180.61	11,614.47	-8,244.47	-11,004.44	346.55	390,300.26	672,897.65	1.02	11,005.42
22,506.00	91.35	180.29	11,612.49	-8,242.49	-11,098.42	345.81	390,206.28	672,896.91	0.45	11,099.40
22,600.00	91.44	178.12	11,610.20	-8,240.20	-11,192.38	347.11	390,112.32	672,898.21	2.31	11,193.36
22,695.00	92.02	181.22	11,607.33	-8,237.33	-11,287.32	347.66	390,017.38	672,898.76	3.32	11,288.30
22,790.00	92.05	181.34	11,603.95	-8,233.95	-11,382.24	345.54	389,922.46	672,896.64	0.13	11,383.21
22,883.00	91.21	180.81	11,601.31	-8,231.31	-11,475.18	343.79	389,829.52	672,894.89	1.07	11,476.15
22,977.00	89.17	179.72	11,601.00	-8,231.00	-11,569.17	343.36	389,735.53	672,894.46	2.46	11,570.14
23,071.00	89.42	180.58	11,602.15	-8,232.15	-11,663.16	343.11	389,641.54	672,894.21	0.95	11,664.13
23,165.00	90.88	180.80	11,601.91	-8,231.91	-11,757.16	341.98	389,547.54	672,893.08	1.57	11,758.12
23,258.00	91.52	180.96	11,599.96	-8,229.96	-11,850.12	340.55	389,454.58	672,891.65	0.71	11,851.08
23,352.00	92.02	180.56	11,597.06	-8,227.06	-11,944.07	339.31	389,360.63	672,890.41	0.68	11,945.02
23,446.00	90.96	179.35	11,594.61	-8,224.61	-12,038.03	339.38	389,266.67	672,890.48	1.71	12,038.99
23,540.00	88.78	178.03	11,594.83	-8,224.83	-12,132.00	341.53	389,172.70	672,892.63	2.71	12,132.96
23,633.00	89.03	178.41	11,596.60	-8,226.60	-12,224.94	344.42	389,079.76	672,895.52	0.49	12,225.91



GeoGuidance Drilling FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well PLU 28 BS 128H
Project:	EDDY COUNTY, NM	TVD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Site:	POKER LAKE UNIT 28 BS	MD Reference:	PLU 28 BS 128H @ 3370.00usft (N F15 - 32' KB)
Well:	PLU 28 BS 128H	North Reference:	Grid
Wellbore:	PLU 28 BS 128H	Survey Calculation Method:	Minimum Curvature
Design:	PLU 28 BS 128H	Database:	TEXAS

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
23,726.00	89.31	178.86	11,597.95	-8,227.95	-12,317.90	346.63	388,986.80	672,897.73	0.57	12,318.88
23,820.00	89.84	178.94	11,598.65	-8,228.65	-12,411.88	348.44	388,892.82	672,899.54	0.57	12,412.86
23,914.00	92.95	180.88	11,596.36	-8,226.36	-12,505.84	348.59	388,798.86	672,899.69	3.90	12,506.82
24,007.00	93.71	181.15	11,590.96	-8,220.96	-12,598.67	346.94	388,706.03	672,898.04	0.87	12,599.64
24,102.00	93.45	180.31	11,585.03	-8,215.03	-12,693.47	345.73	388,611.23	672,896.83	0.92	12,694.44
24,196.00	93.71	179.76	11,579.16	-8,209.16	-12,787.29	345.68	388,517.41	672,896.78	0.65	12,788.26
24,289.00	93.26	179.00	11,573.50	-8,203.50	-12,880.11	346.68	388,424.59	672,897.78	0.95	12,881.08
24,383.00	93.57	178.99	11,567.90	-8,197.90	-12,973.93	348.33	388,330.77	672,899.43	0.33	12,974.91
24,477.00	91.74	178.24	11,563.55	-8,193.55	-13,067.80	350.60	388,236.90	672,901.70	2.10	13,068.78
24,571.00	92.19	177.40	11,560.33	-8,190.33	-13,161.67	354.17	388,143.03	672,905.27	1.01	13,162.66
24,665.00	90.23	175.07	11,558.34	-8,188.34	-13,255.44	360.34	388,049.26	672,911.44	3.24	13,256.45
24,737.00	90.07	174.59	11,558.15	-8,188.15	-13,327.14	366.83	387,977.56	672,917.93	0.70	13,328.17
24,810.00	90.07	174.59	11,558.06	-8,188.06	-13,399.82	373.71	387,904.88	672,924.81	0.00	13,400.87

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,236.00	1,235.96	0.93	-7.93	18 5/8" Casing
4,163.00	4,162.69	-16.59	-12.10	13 3/8" Casing
10,463.00	10,446.59	-25.39	291.04	9 5/8" Casing
10,972.00	10,955.41	-29.17	299.24	CURVE KOP
12,053.00	11,713.88	-662.97	279.21	LANDING POINT
24,810.00	11,558.06	-13,399.82	373.71	PROJECTION TO BIT

Checked By: _____ Approved By: _____ Date: _____



XTO Energy Inc
EMHC.W4.4A.293
22777 Springwoods Village Pkwy
Spring TX 77389-1425
832-625-4370 - Direct Phone
carlos.salinas@exxonmobil.com

February 4, 2021

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

RE: **Waiver of Objection: Non-Standard Spacing Unit or Units**

Any combination of the N/2 of Sections 28 & 29, all of Sections 32 & 33, Township 25 South, Range 31 East, and all of Section 4, Township 26 South, Range 31 East, Eddy County, New Mexico. For the following wells:

- PLU 28 Big Sinks 102H, 104H, 106H, 108H, 121H, 122H, 123H, 124H, 125H, 126H, 127H, 128H, 701H, 703H, 705H, 707H, 901H, 903H, 905H, 907H (20 wells)
- PLU 29 Big Sinks 102H, 104H, 106H, 108H, 121H, 122H, 123H, 124H, 125H, 126H, 127H, 128H, 701H, 703H, 705H, 707H, 901H, 903H, 905H, 907H (20 wells)

To whom it may concern:

As operator of the Poker Lake Unit, and 100% owner of leasehold on adjoining sections, XTO Permian Operating, LLC ("XTO") hereby waives its own right to object to the application for an administrative order from the New Mexico Oil Conservation Division approving XTO's future application(s) for a non-standard spacing unit(s) comprised of any combination of the above described lands and wells in Eddy County, New Mexico.

Should you have any questions regarding XTO's self-waiver, please do not hesitate to contact the undersigned at the information provided.

Sincerely,

A handwritten signature in blue ink, appearing to read 'C.R. Salinas'.

C.R. Salinas
Sr. Landman – Delaware Basin
XTO Energy Inc.
832.625.4370
carlos.salinas@exxonmobil.com

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name POKER LAKE UNIT 28 BS		
								6. Well Number: 128H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
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:	H	28	25S	31E		2310	North	630	East	Eddy
BH:	P	4	26S	31E		214	South	292	East	Eddy
13. Date Spudded 12/1/2019	14. Date T.D. Reached 1/17/2020		15. Date Rig Released 1/23/2020			16. Date Completed (Ready to Produce) 1/21/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3338' GL		
18. Total Measured Depth of Well 24,795'			19. Plug Back Measured Depth 24,792'			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,107 - 24,660 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
18 5/8"		87.5		1238'		24"		1885		
13 3/8"		68		4163'		17 1/2"		3445		
9 5/8"		40		10,453'		12 1/4"		4580		
5 1/2"		23		24,795		8 1/2"		4760		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	10,982	10,967		
26. Perforation record (interval, size, and number) 12,107 - 24,660 4spf, 1657 Total Shots 64 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,107 - 24,660		668,026 bbl fluid + 32,044,880 lbs proppant		
28. PRODUCTION										
Date First Production 01/22/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 01/28/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1691	Gas - MCF 6950	Water - Bbl. 6552	Gas - Oil Ratio 4110			
Flow Tubing Press. 1004	Casing Pressure 1189	Calculated 24-Hour Rate	Oil - Bbl. 1691	Gas - MCF 6950	Water - Bbl. 6552	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By		
31. List Attachments C-104 NW, C-102 & Supplement, Directional Survey (Log uploaded to NMOCD)										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Cassie Evans			Printed Name Cassie Evans		Title Regulatory Analyst			Date		
E-mail Address cassie.evans@xtoenergy.com										

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 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.....

From	To	Thickness In Feet	Lithology

District I

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

District II

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

District III

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

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 20061

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
XTO PERMIAN OPERATING LLC. BUILDING 5 MIDLAND, TX79707	373075	20061	C-104C
6401 HOLIDAY HILL ROAD			
OCD Reviewer	Condition		
ksimmons	None		