

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 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 GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,362.6 X= 713,736.7 LAT.= 32.102201°N LONG.= 103.776571°W KICK OFF POINT NAD 83 NME Y= 401,332.1 X= 714,035.7 LAT.= 32.102113°N LONG.= 103.775606°W FIRST TAKE POINT NAD 83 NME Y= 400,645.6 X= 714,015.2 LAT.= 32.100227°N LONG.= 103.775684°W FIRST TAKE POINT NAD 27 NME Y= 400,587.8 X= 672,829.5 LAT.= 32.100102°N LONG.= 103.775206°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	The map shows a survey area with sections 28, 33, 4, and 26S R31E. A well location is marked with a black dot and labeled 'B.H.L.' (Bottom Hole Location). The well is located in Section 4, Township 26S, Range 31E. The map includes various corner points (A through L) and a 'K.O.P.' (Kick Off Point). The well is located 214 feet from the south line and 292 feet from the east line. The map also shows the 'F.T.P.' (First Take Point) and 'F.T.P.' (First Take Point) locations. The map includes a scale bar and a north arrow.	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.

Survey Instrument Type
MWD

Jack Simmons

Jack Simmons
MWD Manager
Drilling Services



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	



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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	

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



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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										
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
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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



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