

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 ResourcesForm 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

O AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address XTO Energy, Inc. 6401 HOLIDAY IDLL ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date N W
⁴ APINumber 30- 015-47374	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 328301	⁸ Property Name POKER LAKE UNIT 16 TWR	⁹ Well Number 128H

II. Surface Location

U or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South Line	Feet from the	East/West line	County
B	21	24S	31E		520	North	1650	East	EDDY

II Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
p	28	24S	31E		243	South	1114	East	Eddy
¹² Lse Code F	¹³ Producing Method F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

m. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	20O/G/W
373073	XTO Permian Operating	Gas/Wtr
34053	Plains Marketing, LP	Oil

IV. Well Completion Data

²¹ Spud Date 12/6/2020	²² Ready Date 10/3/21	²³ 16 MB TD 12070 TVD	²⁴ PBTD 122204 12070 TVD	²⁵ Perforations 12,428 - 22,083	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casini & Tubin2 Size	²⁹ Depth Set	³⁰ Sacks Cement		
14.75	11.75	892	7306		
8.75	7.625	11168	1573		
6.75	5	22206	970		
	2-7/8	11666			

V. Well Test Data

³¹ Date New Oil 10/4/21	³² Gas Delivery Date 10/08/21	³³ Test Date 10/8/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 822	³⁶ Csg. Pressure 296
³⁷ Choke Size	³⁸ On 1773	³⁹ Water 6152	⁴⁰ Gas 5513		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:

ou fNo.Me-

Printed name:
Cassie EvansTitle:
Regulatory AnalystE-mail Address:
cassie.evans@exxonmobil.comDate:
02/27/22 iPhone: 432.218.3671

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 8/21/2024

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 30-015-47374	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 328301	⁵ Property Name POKER LAKE UNIT 16 TWR	⁶ Well Number 128H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,514'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	24 S	31 E		520	NORTH	1,650	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	28	24 S	31 E		243	SOUTH	1,114	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY

	SHL (NAD83 NME) Y = 440,086.6 X = 712,609.6 LAT. = 32.208662 °N LONG. = 103.779567 °W KOP (NAD83 NME) Y = 440,505.7 X = 713,222.7 LAT. = 32.209805 °N LONG. = 103.777578 °W FTP (NAD83 NME) Y = 440,066.6 X = 713,241.3 LAT. = 32.208598 °N LONG. = 103.777525 °W CORNER COORDINATES (NAD83 NME) A - Y = 440,615.7 N X = 714,257.0 E B - Y = 440,608.3 N X = 712,938.3 E C - Y = 437,975.6 N X = 714,270.8 E D - Y = 437,968.6 N X = 712,953.3 E E - Y = 435,336.0 N X = 714,291.7 E F - Y = 435,328.1 N X = 712,971.9 E G - Y = 432,694.6 N X = 714,308.9 E H - Y = 432,686.9 N X = 712,989.1 E I - Y = 430,053.9 N X = 714,327.6 E J - Y = 430,046.0 N X = 713,007.1 E SHL (NAD27 NME) Y = 440,027.7 X = 671,425.6 LAT. = 32.208538 °N LONG. = 103.779084 °W KOP (NAD27 NME) Y = 440,446.8 X = 672,038.7 LAT. = 32.209682 °N LONG. = 103.777095 °W FTP (NAD27 NME) Y = 440,007.8 X = 672,057.2 LAT. = 32.208475 °N LONG. = 103.777042 °W CORNER COORDINATES (NAD27 NME) A - Y = 440,556.9 N X = 673,073.0 E B - Y = 440,549.4 N X = 671,754.3 E C - Y = 437,916.8 N X = 673,086.7 E D - Y = 437,909.8 N X = 671,769.2 E E - Y = 435,277.3 N X = 673,107.5 E F - Y = 435,269.4 N X = 671,787.7 E G - Y = 432,636.0 N X = 673,124.6 E H - Y = 432,628.2 N X = 671,804.8 E I - Y = 429,995.3 N X = 673,143.2 E J - Y = 429,987.4 N X = 671,822.7 E	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 02/27/22 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. 10-21-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2018010234	

Intent ☐ As Drilled ☒

API # 30-015-47374		
Operator Name: XTO PERMIAN OPERATING, LLC	Property Name: Poker Lake Unit 16 TWR	Well Number 128H

Kick Off Point (KOP)

UL B	Section 21	Township 24S	Range 31E	Lot	Feet 104	From N/S FNL	Feet 1035	From E/W FEL	County EDDY
Latitude 32.209805					Longitude -103.777578				NAD 83

First Take Point (FTP)

UL B	Section 21	Township 24S	Range 31E	Lot	Feet 543	From N/S FNL	Feet 1019	From E/W FEL	County EDDY
Latitude 32.208598					Longitude -103.777525				NAD 83

Last Take Point (LTP)

UL P	Section 28	Township 24S	Range 31E	Lot	Feet 375	From N/S FSL	Feet 1108	From E/W FEL	County EDDY
Latitude 32.182089					Longitude -103.777766				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: XTO PERMIAN OPERATING, LLC	Property Name:	Well Number

KZ 06/29/2018



Measurement While Drilling (MWD) Survey Certification

State of: New Mexico

County of: Eddy

I, Adam Wentworth, certify that; I am employed by GeoGuidance Drilling Services, Inc.; that I did on the day(s) of 12-06-2020 through 01-21-2021 conduct or supervise the taking of a directional MWD survey from a depth of 142 feet to a depth of 21,865 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by GeoGuidance Drilling Services, Inc.; 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 16 TWR 128H A.P.I. No. 30-015-47374 in Eddy County, New Mexico Field; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by GeoGuidance Drilling Services, Inc.

Survey Instrument Type

MWD

A handwritten signature in black ink, appearing to read "Adam Wentworth", written over a horizontal line.

Adam Wentworth
MWD Coordinator
GeoGuidance Drilling
Services, Inc.





XTO ENERGY INC.

**EDDY COUNTY, NM
POKER LAKE UNIT 16 TWR
PLU 16 TWR 128H
PLU 16 TWR 128H**

Design: PLU 16 TWR 128H

FINAL SURVEY REPORT

26 January, 2021





GeoGuidance Drilling
FINAL SURVEY REPORT



Company: XTO ENERGY INC. EDDY COUNTY, NM		Local Co-ordinate Reference: Well PLU 16 TWR 128H PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB) PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB)	
Project: POKER LAKE UNIT 16 TWR		TVD Reference:	
Site: PLU 16 TWR 128H		MD Reference:	
Well: PLU 16 TWR 128H		North Reference: Grid	
Wellbore: PLU 16 TWR 128H		Survey Calculation Method: Minimum Curvature	
Design: PLU 16 TWR 128H		Database: XTO ENERGY	
Project EDDY COUNTY, NM		System Datum: Mean Sea Level	
Map System: US State Plane 1927 (Exact solution)			
Geo Datum: NAD 1927 (NADCON CONUS)			
Map Zone: New Mexico East 3001			
Site POKER LAKE UNIT 16 TWR			
Site Position:		Northing: 435,000.00 usft Latitude: 32.194731	
From: Map		Easting: 670,500.00 usft Longitude: -103.782160	
Position Uncertainty: 0.00 usft		Slot Radius: 13-3/16 " Grid Convergence: 0.29 °	
Well PLU 16 TWR 128H, SUR. N 440027.7 E 671425.6			
Well Position		Northing: 440,027.70 usft Latitude: 32.208538	
+N/-S +E/-W 0.00 usft 0.00 usft 0.00 usft		Easting: 671,425.60 usft Longitude: -103.779084	
Position Uncertainty		Wellhead Elevation: usft Ground Level: 3,514.00 usft	
Wellbore PLU 16 TWR 128H			
Magnetics		Model Name Sample Date Field Strength (nT)	
IGRF2020		12/28/2020 59.87 47,511	
Design PLU 16 TWR 128H			
Audit Notes:			
Version: 1.0		Phase: ACTUAL Tie On Depth: 0.00	
Vertical Section:		Depth From (TVD) (usft) Direction (°)	
0.00		+N/-S (usft) 0.00 179.62	
		+E/-W (usft) 0.00	



GeoGuidance Drilling FINAL SURVEY REPORT



Company: XTO ENERGY INC.
Project: EDDY COUNTY, NM
Site: POKER LAKE UNIT 16 TWR
Well: PLU 16 TWR 128H
Wellbore: PLU 16 TWR 128H
Design: PLU 16 TWR 128H

Local Co-ordinate Reference:
TVD Reference: Well PLU 16 TWR 128H
MD Reference: PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB)
North Reference: PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB)
Survey Calculation Method: Grid
Database: Minimum Curvature
 XTO ENERGY

Survey Program **Date** 1/26/2021

From (usft)	To (usft)	Survey (Wellbore)	Description
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142.00	794.00	GGDS SH SURVEYS (PLU 16 TWR 128H	OWSG MWD + IFR1 + Multi-Station Correction
968.00	11,120.00	GGDS INTER. SURVEYS (PLU 16 TWR 1	OWSG MWD + IFR1 + Multi-Station Correction
11,261.00	22,216.00	GGDS CURVE/LAT. SURVEYS (PLU 16 T	OWSG MWD + IFR1 + Multi-Station Correction

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	EW (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
	0.00	0.00	0.00	0.00	3,547.00	0.00	0.00	440,027.70	671,425.60	0.00	0.00
	142.00	0.93	194.93	141.99	3,405.01	-1.11	-0.30	440,026.59	671,425.30	0.65	1.11
	233.00	1.02	231.33	232.98	3,314.02	-2.33	-1.12	440,025.37	671,424.48	0.68	2.33
	323.00	1.68	200.40	322.96	3,224.04	-4.07	-2.20	440,023.63	671,423.40	1.07	4.06
	421.00	2.59	188.72	420.89	3,126.11	-7.61	-3.04	440,020.09	671,422.56	1.02	7.59
	515.00	3.79	180.99	514.74	3,032.26	-12.81	-3.42	440,014.89	671,422.18	1.35	12.79
	608.00	4.84	172.54	607.48	2,939.52	-19.77	-2.96	440,007.93	671,422.64	1.32	19.75
	700.00	4.62	161.54	699.17	2,847.83	-27.14	-1.28	440,000.56	671,424.32	1.01	27.13
	794.00	5.26	166.26	792.82	2,754.18	-34.91	0.94	439,992.79	671,426.54	0.81	34.92
	968.00	4.90	167.58	966.13	2,580.87	-49.92	4.43	439,977.78	671,430.03	0.22	49.95
	1,060.00	3.34	145.89	1,057.90	2,489.10	-55.98	6.78	439,971.72	671,432.38	2.37	56.02
	1,153.00	4.11	106.89	1,150.72	2,396.28	-59.19	11.49	439,968.51	671,437.09	2.78	59.26
	1,245.00	5.66	75.47	1,242.39	2,304.61	-59.01	19.04	439,968.69	671,444.64	3.30	59.13
	1,338.00	7.39	48.24	1,334.81	2,212.19	-53.87	27.94	439,973.83	671,453.54	3.76	54.06
	1,431.00	8.56	44.77	1,426.91	2,120.09	-44.97	37.28	439,982.73	671,462.88	1.36	45.22
	1,523.00	9.39	41.30	1,517.78	2,029.22	-34.48	47.05	439,993.22	671,472.65	1.08	34.79
	1,616.00	9.66	42.23	1,609.50	1,937.50	-23.00	57.30	440,004.70	671,482.90	0.33	23.38
	1,709.00	10.33	41.65	1,701.09	1,845.91	-10.99	68.09	440,016.71	671,493.69	0.73	11.44
	1,804.00	11.22	41.36	1,794.41	1,752.59	2.31	79.86	440,030.01	671,505.46	0.94	-1.78
	1,899.00	12.05	41.63	1,887.46	1,659.54	16.66	92.55	440,044.36	671,518.15	0.88	-16.05



GeoGuidance Drilling

FINAL SURVEY REPORT



Company: XTO ENERGY INC.			Local Co-ordinate Reference:							
Project: EDDY COUNTY, NM			TVD Reference:							
Site: POKER LAKE UNIT 16 TWR			MD Reference:							
Well: PLU 16 TWR 128H			North Reference:							
Wellbore: PLU 16 TWR 128H			Survey Calculation Method:							
Design: PLU 16 TWR 128H			Database:							
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)
1,994.00	12.59	41.02	1,980.27	1,566.73	31.89	105.94	440,059.59	671,531.54	0.58	-31.18
2,089.00	12.11	43.70	2,073.07	1,473.93	46.90	119.62	440,074.60	671,545.22	0.79	-46.11
2,183.00	10.68	45.61	2,165.22	1,381.78	60.12	132.65	440,087.82	671,558.25	1.57	-59.24
2,278.00	9.11	47.30	2,258.80	1,288.20	71.38	144.47	440,099.08	671,570.07	1.68	-70.42
2,373.00	9.16	48.15	2,352.60	1,194.40	81.53	155.63	440,109.23	671,581.23	0.15	-80.49
2,468.00	9.24	46.31	2,446.38	1,100.62	91.84	166.78	440,119.54	671,592.38	0.32	-90.73
2,563.00	8.99	38.27	2,540.18	1,006.82	102.94	176.89	440,130.64	671,602.49	1.37	-101.76
2,658.00	8.96	39.57	2,634.02	912.98	114.47	186.20	440,142.17	671,611.80	0.22	-113.23
2,753.00	9.11	40.16	2,727.84	819.16	125.92	195.76	440,153.62	671,621.36	0.19	-124.62
2,847.00	8.58	37.86	2,820.72	726.28	137.14	204.87	440,164.84	671,630.47	0.68	-135.78
2,942.00	9.19	35.03	2,914.58	632.42	148.95	213.57	440,176.65	671,639.17	0.79	-147.53
3,037.00	8.22	35.08	3,008.49	538.51	160.72	221.83	440,188.42	671,647.43	1.02	-159.24
3,132.00	7.63	42.55	3,102.58	444.42	170.92	230.00	440,198.62	671,655.60	1.25	-169.39
3,227.00	7.34	47.82	3,196.77	350.23	179.64	238.76	440,207.34	671,664.36	0.78	-178.06
3,322.00	6.27	46.89	3,291.10	255.90	187.26	247.04	440,214.96	671,672.64	1.13	-185.62
3,417.00	6.77	45.19	3,385.49	161.51	194.76	254.80	440,222.46	671,680.40	0.56	-193.06
3,512.00	6.70	43.86	3,479.83	67.17	202.70	262.62	440,230.40	671,688.22	0.18	-200.95
3,607.00	7.22	51.53	3,574.13	-27.13	210.41	271.13	440,238.11	671,696.73	1.12	-208.60
3,701.00	7.70	61.57	3,667.34	-120.34	217.08	281.29	440,244.78	671,706.89	1.48	-215.21
3,796.00	8.35	60.78	3,761.41	-214.41	223.48	292.91	440,251.18	671,718.51	0.69	-221.53
3,891.00	7.44	57.56	3,855.51	-308.51	230.14	304.12	440,257.84	671,729.72	1.06	-228.12
3,986.00	8.09	66.14	3,949.64	-402.64	236.15	315.43	440,263.85	671,741.03	1.40	-234.05
4,081.00	8.63	68.77	4,043.63	-496.63	241.43	328.18	440,269.13	671,753.78	0.70	-239.25
4,176.00	9.08	53.40	4,137.51	-590.51	248.48	340.85	440,276.18	671,766.45	2.53	-246.22
4,271.00	7.76	48.81	4,231.49	-684.49	257.18	351.69	440,284.88	671,777.29	1.56	-254.84
4,366.00	5.84	40.75	4,325.82	-778.82	265.06	359.67	440,292.76	671,785.27	2.25	-262.67
4,460.00	7.65	34.07	4,419.16	-872.16	273.87	366.30	440,301.57	671,791.90	2.10	-271.44



GeoGuidance Drilling

FINAL SURVEY REPORT



Company: XTO ENERGY INC.			Local Co-ordinate Reference:							
Project: EDDY COUNTY, NM			TVD Reference:							
Site: POKER LAKE UNIT 16 TWR			MD Reference:							
Well: PLU 16 TWR 128H			North Reference:							
Wellbore: PLU 16 TWR 128H			Survey Calculation Method:							
Design: PLU 16 TWR 128H			Database:							
Well: PLU 16 TWR 128H			Minimum Curvature							
Design: XTO ENERGY										
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)
4,555.00	9.58	32.82	4,513.09	-966.09	285.75	374.13	440,313.45	671,799.73	2.04	-283.27
4,650.00	10.44	33.62	4,606.64	-1,059.64	299.56	383.18	440,327.26	671,808.78	0.92	-297.02
4,744.00	10.80	32.76	4,699.03	-1,152.03	314.06	392.66	440,341.76	671,818.26	0.42	-311.45
4,839.00	11.49	31.67	4,792.24	-1,245.24	329.60	402.45	440,357.30	671,828.05	0.76	-326.92
4,934.00	11.30	38.02	4,885.37	-1,338.37	344.99	413.15	440,372.69	671,838.75	1.33	-342.24
5,029.00	10.34	40.69	4,978.68	-1,431.68	358.78	424.44	440,386.48	671,850.04	1.14	-355.96
5,124.00	11.01	39.73	5,072.03	-1,525.03	372.23	435.79	440,399.93	671,861.39	0.73	-369.33
5,219.00	11.59	38.91	5,165.19	-1,618.19	386.63	447.59	440,414.33	671,873.19	0.63	-383.65
5,314.00	11.54	38.36	5,258.26	-1,711.26	401.50	459.48	440,429.20	671,885.08	0.13	-398.45
5,409.00	11.03	37.51	5,351.43	-1,804.43	416.16	470.91	440,443.86	671,896.51	0.56	-413.03
5,504.00	10.16	38.00	5,444.81	-1,897.81	429.98	481.60	440,457.68	671,907.20	0.92	-426.77
5,599.00	9.35	38.06	5,538.43	-1,991.43	442.66	491.52	440,470.36	671,917.12	0.85	-439.39
5,694.00	9.85	36.99	5,632.10	-2,085.10	455.22	501.16	440,482.92	671,926.76	0.56	-451.89
5,789.00	10.55	40.94	5,725.60	-2,178.60	468.28	511.75	440,495.98	671,937.35	1.04	-464.88
5,884.00	10.14	49.75	5,819.06	-2,272.06	480.26	523.83	440,507.96	671,949.43	1.72	-476.77
5,978.00	8.90	58.59	5,911.77	-2,364.77	489.39	536.36	440,517.09	671,961.96	2.04	-485.83
6,073.00	6.57	70.33	6,005.91	-2,458.91	495.05	547.75	440,522.75	671,973.35	2.95	-491.41
6,168.00	5.86	78.99	6,100.35	-2,553.35	497.81	557.63	440,525.51	671,983.23	1.24	-494.10
6,263.00	5.43	79.45	6,194.89	-2,647.89	499.56	566.81	440,527.26	671,992.41	0.46	-495.79
6,358.00	5.23	80.12	6,289.48	-2,742.48	501.12	575.49	440,528.82	672,001.09	0.22	-497.30
6,452.00	5.10	80.52	6,383.10	-2,836.10	502.55	583.83	440,530.25	672,009.43	0.14	-498.66
6,547.00	5.11	84.73	6,477.72	-2,930.72	503.63	592.21	440,531.33	672,017.81	0.39	-499.69
6,642.00	4.01	100.75	6,572.42	-3,025.42	503.40	599.69	440,531.10	672,025.29	1.76	-499.41
6,737.00	3.93	103.20	6,667.19	-3,120.19	502.04	606.12	440,529.74	672,031.72	0.20	-498.01
6,831.00	2.72	115.90	6,761.03	-3,214.03	500.33	611.26	440,528.03	672,036.86	1.50	-496.26
6,926.00	1.68	132.84	6,855.96	-3,308.96	498.40	614.31	440,526.10	672,039.91	1.28	-494.31
7,021.00	1.45	140.31	6,950.93	-3,403.93	496.52	616.10	440,524.22	672,041.70	0.32	-492.43



GeoGuidance Drilling FINAL SURVEY REPORT



Company: XTO ENERGY INC.			Local Co-ordinate Reference:									
Project: EDDY COUNTY, NM			TVD Reference:									
Site: POKER LAKE UNIT 16 TWR			MD Reference:									
Well: PLU 16 TWR 128H			North Reference:									
Wellbore: PLU 16 TWR 128H			Survey Calculation Method:									
Design: PLU 16 TWR 128H			Database:									
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)		
7,116.00	1.08	162.56	7,045.91	-3,498.91	494.75	617.14	440,522.45	672,042.74	0.64	-490.64		
7,210.00	1.23	172.48	7,139.89	-3,592.89	492.90	617.53	440,520.60	672,043.13	0.27	-488.79		
7,305.00	1.05	171.88	7,234.87	-3,687.87	491.03	617.79	440,518.73	672,043.39	0.19	-486.92		
7,400.00	0.99	174.67	7,329.85	-3,782.85	489.35	617.99	440,517.05	672,043.59	0.08	-485.24		
7,494.00	1.45	166.11	7,423.83	-3,876.83	487.39	618.35	440,515.09	672,043.95	0.53	-483.27		
7,589.00	1.60	174.60	7,518.80	-3,971.80	484.90	618.76	440,512.60	672,044.36	0.29	-480.78		
7,684.00	1.37	159.66	7,613.77	-4,066.77	482.51	619.28	440,510.21	672,044.88	0.47	-478.39		
7,779.00	1.47	160.98	7,708.74	-4,161.74	480.30	620.08	440,508.00	672,045.68	0.11	-476.17		
7,873.00	1.27	161.21	7,802.71	-4,255.71	478.17	620.80	440,505.87	672,046.40	0.21	-474.04		
7,968.00	1.16	161.53	7,897.69	-4,350.69	476.26	621.45	440,503.96	672,047.05	0.12	-472.13		
8,063.00	1.30	164.44	7,992.67	-4,445.67	474.31	622.04	440,502.01	672,047.64	0.16	-470.17		
8,158.00	1.09	163.11	8,087.65	-4,540.65	472.41	622.59	440,500.11	672,048.19	0.22	-468.27		
8,253.00	1.11	194.47	8,182.63	-4,635.63	470.65	622.63	440,498.35	672,048.23	0.63	-466.51		
8,347.00	1.34	210.05	8,276.61	-4,729.61	468.82	621.85	440,496.52	672,047.45	0.43	-464.68		
8,442.00	1.35	227.54	8,371.58	-4,824.58	467.10	620.47	440,494.80	672,046.07	0.43	-462.98		
8,537.00	1.59	244.08	8,466.55	-4,919.55	465.77	618.46	440,493.47	672,044.06	0.51	-461.66		
8,632.00	1.67	256.85	8,561.51	-5,014.51	464.88	615.92	440,492.58	672,041.52	0.39	-460.78		
8,727.00	1.59	252.66	8,656.47	-5,109.47	464.17	613.32	440,491.87	672,038.92	0.15	-460.09		
8,821.00	0.94	281.08	8,750.45	-5,203.45	463.93	611.31	440,491.63	672,036.91	0.94	-459.87		
8,916.00	1.11	306.92	8,845.44	-5,298.44	464.63	609.81	440,492.33	672,035.41	0.51	-460.58		
9,011.00	0.97	341.07	8,940.42	-5,393.42	465.95	608.82	440,493.65	672,034.42	0.66	-461.90		
9,106.00	1.49	344.80	9,035.40	-5,488.40	467.90	608.23	440,495.60	672,033.83	0.55	-463.86		
9,201.00	1.62	350.62	9,130.37	-5,583.37	470.42	607.69	440,498.12	672,033.29	0.22	-466.38		
9,296.00	0.54	43.84	9,225.35	-5,678.35	472.06	607.78	440,499.76	672,033.38	1.44	-468.02		
9,391.00	0.83	219.53	9,320.35	-5,773.35	471.86	607.65	440,499.56	672,033.25	1.44	-467.82		
9,486.00	1.21	209.29	9,415.33	-5,868.33	470.45	606.72	440,498.15	672,032.32	0.44	-466.42		
9,581.00	1.40	198.24	9,510.31	-5,963.31	468.47	605.87	440,496.17	672,031.47	0.33	-464.45		



GeoGuidance Drilling

FINAL SURVEY REPORT



Company: XTO ENERGY INC.			Local Co-ordinate Reference:							
Project: EDDY COUNTY, NM			TVD Reference:							
Site: POKER LAKE UNIT 16 TWR			MD Reference:							
Well: PLU 16 TWR 128H			North Reference:							
Wellbore: PLU 16 TWR 128H			Survey Calculation Method:							
Design: PLU 16 TWR 128H			Database:							
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)
9,676.00	1.02	208.70	9,605.29	-6,058.29	466.63	605.10	440,494.33	672,030.70	0.46	-462.61
9,771.00	1.65	227.17	9,700.26	-6,153.26	464.96	603.69	440,492.66	672,029.29	0.79	-460.94
9,865.00	1.65	203.50	9,794.22	-6,247.22	462.80	602.16	440,490.50	672,027.76	0.72	-458.79
9,960.00	2.14	165.64	9,889.17	-6,342.17	459.83	602.05	440,487.53	672,027.65	1.38	-455.82
10,055.00	2.72	143.90	9,984.09	-6,437.09	456.29	603.82	440,483.99	672,029.42	1.14	-452.27
10,150.00	2.96	131.14	10,078.97	-6,531.97	452.85	607.00	440,480.55	672,032.60	0.71	-448.81
10,245.00	2.27	129.02	10,173.87	-6,626.87	450.05	610.31	440,477.75	672,035.91	0.73	-445.99
10,340.00	2.09	136.07	10,268.81	-6,721.81	447.62	612.97	440,475.32	672,038.57	0.34	-443.54
10,435.00	1.72	144.71	10,363.75	-6,816.75	445.21	615.00	440,472.91	672,040.60	0.49	-441.12
10,530.00	1.68	137.57	10,458.71	-6,911.71	443.02	616.76	440,470.72	672,042.36	0.23	-438.92
10,625.00	2.34	148.97	10,553.65	-7,006.65	440.33	618.70	440,468.03	672,044.30	0.81	-436.21
10,719.00	2.66	170.70	10,647.57	-7,100.57	436.53	620.04	440,464.23	672,045.64	1.06	-432.41
10,814.00	3.31	202.67	10,742.44	-7,195.44	431.82	619.34	440,459.52	672,044.94	1.85	-427.71
10,909.00	4.91	216.78	10,837.20	-7,290.20	426.04	615.85	440,453.74	672,041.45	1.98	-421.94
11,004.00	5.34	217.53	10,931.82	-7,384.82	419.27	610.72	440,446.97	672,036.32	0.46	-415.21
11,120.00	0.36	203.97	11,047.64	-7,500.64	414.66	607.28	440,442.36	672,032.88	4.30	-410.62
11,261.00	1.24	63.51	11,188.63	-7,641.63	414.93	608.47	440,442.63	672,034.07	1.09	-410.89
11,355.00	1.46	23.24	11,282.60	-7,735.60	416.49	609.85	440,444.19	672,035.45	1.01	-412.43
11,449.00	1.19	30.48	11,376.58	-7,829.58	418.43	610.82	440,446.13	672,036.42	0.34	-414.37
11,544.00	0.86	59.23	11,471.56	-7,924.56	419.64	611.93	440,447.34	672,037.53	0.63	-415.58
11,638.00	6.23	120.58	11,565.36	-8,018.36	417.41	616.93	440,445.11	672,042.53	6.24	-413.31
11,685.00	7.85	121.63	11,612.01	-8,065.01	414.43	621.86	440,442.13	672,047.46	3.46	-410.29
11,732.00	10.89	114.08	11,658.38	-8,111.38	410.93	628.65	440,438.63	672,054.25	6.96	-406.75
11,785.00	15.14	107.65	11,710.01	-8,163.01	406.79	639.82	440,434.49	672,065.42	8.46	-402.54
11,833.00	18.54	124.75	11,755.97	-8,208.97	400.53	652.08	440,428.23	672,077.68	12.45	-396.20
11,881.00	22.64	140.19	11,800.93	-8,253.93	389.07	664.28	440,416.77	672,089.88	14.11	-384.66
11,927.00	27.40	152.60	11,842.63	-8,295.63	372.85	674.83	440,400.55	672,100.43	15.35	-368.37



GeoGuidance Drilling FINAL SURVEY REPORT



Company: XTO ENERGY INC. Project: EDDY COUNTY, NM Site: POKER LAKE UNIT 16 TWR Well: PLU 16 TWR 128H Wellbore: PLU 16 TWR 128H Design: PLU 16 TWR 128H			Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:										Well PLU 16 TWR 128H PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB) PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB) Grid Minimum Curvature XTO ENERGY			
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)						
11,974.00	30.67	167.67	11,883.77	-8,336.77	351.51	682.38	440,379.21	672,107.98	16.99	-346.97						
12,021.00	35.55	178.46	11,923.16	-8,376.16	326.10	685.31	440,353.80	672,110.91	16.25	-321.55						
12,068.00	40.54	187.49	11,960.19	-8,413.19	297.26	683.68	440,324.96	672,109.28	15.88	-292.72						
12,115.00	47.89	194.47	11,993.88	-8,446.88	265.17	677.32	440,292.87	672,102.92	18.74	-260.67						
12,162.00	55.37	196.65	12,023.03	-8,476.03	229.71	667.41	440,257.41	672,093.01	16.32	-225.28						
12,209.00	63.48	194.09	12,046.92	-8,499.92	190.72	656.73	440,218.42	672,082.33	17.88	-186.36						
12,256.00	69.96	189.36	12,065.50	-8,518.50	148.48	648.01	440,176.18	672,073.61	16.60	-144.17						
12,304.00	77.78	184.05	12,078.83	-8,531.83	102.73	642.67	440,130.43	672,068.27	19.45	-98.47						
12,398.00	88.05	185.79	12,090.41	-8,543.41	9.92	634.67	440,037.62	672,060.27	11.08	-5.71						
12,491.00	93.07	185.80	12,089.50	-8,542.50	-82.57	625.28	439,945.13	672,050.88	5.40	86.71						
12,593.00	93.43	184.15	12,083.72	-8,536.72	-184.02	616.45	439,843.68	672,042.05	1.65	188.10						
12,688.00	92.42	184.74	12,078.87	-8,531.87	-278.61	609.10	439,749.09	672,034.70	1.23	282.64						
12,783.00	90.35	184.71	12,076.57	-8,529.57	-373.25	601.27	439,654.45	672,026.87	2.18	377.23						
12,878.00	89.48	184.04	12,076.71	-8,529.71	-467.97	594.03	439,559.73	672,019.63	1.16	471.90						
12,973.00	89.48	183.95	12,077.58	-8,530.58	-562.74	587.41	439,464.96	672,013.01	0.09	566.62						
13,068.00	89.37	183.87	12,078.53	-8,531.53	-657.51	580.93	439,370.19	672,006.53	0.14	661.35						
13,163.00	89.31	184.29	12,079.62	-8,532.62	-752.27	574.17	439,275.43	671,999.77	0.45	756.06						
13,257.00	90.35	183.19	12,079.90	-8,532.90	-846.06	568.04	439,181.64	671,993.64	1.61	849.81						
13,352.00	90.35	182.67	12,079.32	-8,532.32	-940.94	563.19	439,086.76	671,988.79	0.55	944.65						
13,447.00	90.13	181.76	12,078.93	-8,531.93	-1,035.86	559.51	438,991.84	671,985.11	0.99	1,039.55						
13,542.00	89.79	182.08	12,078.99	-8,531.99	-1,130.81	556.33	438,896.89	671,981.93	0.49	1,134.47						
13,637.00	89.59	181.69	12,079.51	-8,532.51	-1,225.76	553.21	438,801.94	671,978.81	0.46	1,229.40						
13,732.00	87.91	181.66	12,081.58	-8,534.58	-1,320.69	550.43	438,707.01	671,976.03	1.77	1,324.31						
13,827.00	88.59	181.54	12,084.48	-8,537.48	-1,415.61	547.78	438,612.09	671,973.38	0.73	1,419.21						
13,922.00	88.08	181.59	12,087.24	-8,540.24	-1,510.53	545.19	438,517.17	671,970.79	0.54	1,514.11						
14,017.00	88.81	180.58	12,089.82	-8,542.82	-1,605.48	543.39	438,422.22	671,968.99	1.31	1,609.05						
14,112.00	89.82	180.76	12,090.95	-8,543.95	-1,700.46	542.28	438,327.24	671,967.88	1.08	1,704.02						



GeoGuidance Drilling

FINAL SURVEY REPORT



Company: XTO ENERGY INC.			Local Co-ordinate Reference:							
Project: EDDY COUNTY, NM			TVD Reference:							
Site: POKER LAKE UNIT 16 TWR			MD Reference:							
Well: PLU 16 TWR 128H			North Reference:							
Wellbore: PLU 16 TWR 128H			Survey Calculation Method:							
Design: PLU 16 TWR 128H			Database:							
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)
14,206.00	89.96	179.89	12,091.13	-8,544.13	-1,794.46	541.74	438,233.24	671,967.34	0.94	1,798.01
14,301.00	91.86	180.75	12,089.62	-8,542.62	-1,889.44	541.21	438,138.26	671,966.81	2.20	1,892.99
14,396.00	91.64	179.96	12,086.72	-8,539.72	-1,984.40	540.63	438,043.30	671,966.23	0.86	1,987.94
14,491.00	91.27	178.76	12,084.31	-8,537.31	-2,079.36	541.69	437,948.34	671,967.29	1.32	2,082.90
14,586.00	91.50	179.14	12,082.01	-8,535.01	-2,174.31	543.43	437,853.39	671,969.03	0.47	2,177.87
14,681.00	90.01	178.02	12,080.76	-8,533.76	-2,269.27	545.78	437,758.43	671,971.38	1.96	2,272.84
14,776.00	89.12	177.39	12,081.48	-8,534.48	-2,364.19	549.58	437,663.51	671,975.18	1.15	2,367.78
14,871.00	89.40	177.61	12,082.71	-8,535.71	-2,459.09	553.73	437,568.61	671,979.33	0.37	2,462.71
14,965.00	88.67	177.21	12,084.29	-8,537.29	-2,552.98	557.98	437,474.72	671,983.58	0.89	2,556.63
15,060.00	90.99	177.44	12,084.58	-8,537.58	-2,647.87	562.41	437,379.83	671,988.01	2.45	2,651.54
15,155.00	92.20	177.15	12,081.93	-8,534.93	-2,742.73	566.89	437,284.97	671,992.49	1.31	2,746.43
15,250.00	93.29	177.45	12,077.38	-8,530.38	-2,837.51	571.36	437,190.19	671,996.96	1.19	2,841.24
15,345.00	94.44	177.93	12,070.98	-8,523.98	-2,932.22	575.18	437,095.48	672,000.78	1.31	2,935.97
15,440.00	91.95	178.37	12,065.68	-8,518.68	-3,027.01	578.24	437,000.69	672,003.84	2.66	3,030.78
15,535.00	92.37	178.92	12,062.10	-8,515.10	-3,121.92	580.49	436,905.78	672,006.09	0.73	3,125.70
15,630.00	91.89	179.31	12,058.57	-8,511.57	-3,216.84	581.95	436,810.86	672,007.55	0.65	3,220.63
15,725.00	90.60	179.89	12,056.51	-8,509.51	-3,311.81	582.62	436,715.89	672,008.22	1.49	3,315.60
15,820.00	87.97	179.67	12,057.69	-8,510.69	-3,406.80	582.98	436,620.90	672,008.58	2.78	3,410.59
15,915.00	87.21	179.55	12,061.69	-8,514.69	-3,501.71	583.63	436,525.99	672,009.23	0.81	3,505.50
16,010.00	87.97	179.98	12,065.68	-8,518.68	-3,596.62	584.02	436,431.08	672,009.62	0.92	3,600.42
16,105.00	87.49	179.54	12,069.45	-8,522.45	-3,691.55	584.41	436,336.15	672,010.01	0.69	3,695.34
16,200.00	87.55	179.25	12,073.56	-8,526.56	-3,786.45	585.42	436,241.25	672,011.02	0.31	3,790.25
16,295.00	88.45	178.48	12,076.87	-8,529.87	-3,881.37	587.30	436,146.33	672,012.90	1.25	3,885.18
16,390.00	91.69	179.39	12,076.76	-8,529.76	-3,976.34	589.06	436,051.36	672,014.66	3.54	3,980.16
16,485.00	92.48	179.49	12,073.30	-8,526.30	-4,071.28	589.99	435,956.42	672,015.59	0.84	4,075.10
16,580.00	93.24	179.85	12,068.56	-8,521.56	-4,166.16	590.54	435,861.54	672,016.14	0.89	4,169.98
16,674.00	93.24	179.94	12,063.25	-8,516.25	-4,260.01	590.71	435,767.69	672,016.31	0.10	4,263.83



GeoGuidance Drilling FINAL SURVEY REPORT



Company: XTO ENERGY INC. Project: EDDY COUNTY, NM Site: POKER LAKE UNIT 16 TWR Well: PLU 16 TWR 128H Wellbore: PLU 16 TWR 128H Design: PLU 16 TWR 128H			Local Co-ordinate Reference: TVD Reference: PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB) MD Reference: PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: XTO ENERGY							
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)
16,707.00	93.69	180.11	12,061.25	-8,514.25	-4,292.95	590.69	435,734.75	672,016.29	1.46	4,296.77
16,769.00	93.88	180.55	12,057.16	-8,510.16	-4,354.81	590.34	435,672.89	672,015.94	0.77	4,358.63
16,864.00	91.30	181.36	12,052.87	-8,505.87	-4,449.69	588.76	435,578.01	672,014.36	2.85	4,453.50
16,959.00	88.84	181.34	12,052.75	-8,505.75	-4,544.66	586.52	435,483.04	672,012.12	2.59	4,548.45
17,053.00	89.17	181.76	12,054.38	-8,507.38	-4,638.61	583.98	435,389.09	672,009.58	0.57	4,642.38
17,148.00	87.86	181.73	12,056.85	-8,509.85	-4,733.53	581.08	435,294.17	672,006.68	1.38	4,737.28
17,242.00	87.66	181.82	12,060.52	-8,513.52	-4,827.41	578.17	435,200.29	672,003.77	0.23	4,831.14
17,337.00	88.53	181.36	12,063.68	-8,516.68	-4,922.32	575.54	435,105.38	672,001.14	1.04	4,926.03
17,431.00	91.22	180.70	12,063.88	-8,516.88	-5,016.30	573.85	435,011.40	671,999.45	2.95	5,019.99
17,526.00	93.60	181.38	12,059.89	-8,512.89	-5,111.19	572.13	434,916.51	671,997.73	2.61	5,114.87
17,620.00	92.31	180.63	12,055.04	-8,508.04	-5,205.05	570.48	434,822.65	671,996.08	1.59	5,208.72
17,715.00	92.06	180.79	12,051.42	-8,504.42	-5,299.97	569.31	434,727.73	671,994.91	0.31	5,303.63
17,809.00	90.35	179.85	12,049.44	-8,502.44	-5,393.94	568.78	434,633.76	671,994.38	2.08	5,397.60
17,903.00	89.99	179.25	12,049.17	-8,502.17	-5,487.94	569.52	434,539.76	671,995.12	0.74	5,491.60
17,997.00	89.40	178.97	12,049.67	-8,502.67	-5,581.93	570.98	434,445.77	671,996.58	0.69	5,585.59
18,092.00	89.29	179.41	12,050.75	-8,503.75	-5,676.91	572.32	434,350.79	671,997.92	0.48	5,680.58
18,186.00	89.85	179.66	12,051.46	-8,504.46	-5,770.91	573.08	434,256.79	671,998.68	0.65	5,774.58
18,280.00	88.22	179.48	12,053.04	-8,506.04	-5,864.89	573.79	434,162.81	671,999.39	1.74	5,868.56
18,345.00	87.41	179.17	12,055.52	-8,508.52	-5,929.83	574.56	434,097.87	672,000.16	1.33	5,933.51
18,375.00	87.77	179.33	12,056.78	-8,509.78	-5,959.80	574.95	434,067.90	672,000.55	1.31	5,963.49
18,469.00	89.90	178.99	12,058.69	-8,511.69	-6,053.77	576.33	433,973.93	672,001.93	2.29	6,057.46
18,564.00	89.59	178.92	12,059.11	-8,512.11	-6,148.75	578.06	433,878.95	672,003.66	0.33	6,152.45
18,659.00	89.48	179.87	12,059.88	-8,512.88	-6,243.74	579.06	433,783.96	672,004.66	1.01	6,247.45
18,753.00	87.18	179.47	12,062.62	-8,515.62	-6,337.70	579.60	433,690.00	672,005.20	2.48	6,341.40
18,847.00	89.87	180.37	12,065.04	-8,518.04	-6,431.65	579.73	433,596.05	672,005.33	3.02	6,435.36
18,942.00	90.66	180.10	12,064.60	-8,517.60	-6,526.65	579.34	433,501.05	672,004.94	0.88	6,530.35
19,036.00	91.13	179.54	12,063.14	-8,516.14	-6,620.64	579.64	433,407.06	672,005.24	0.78	6,624.34



GeoGuidance Drilling

FINAL SURVEY REPORT



Company: XTO ENERGY INC. Project: EDDY COUNTY, NM Site: POKER LAKE UNIT 16 TWR Well: PLU 16 TWR 128H Wellbore: PLU 16 TWR 128H Design: PLU 16 TWR 128H			Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:								Well PLU 16 TWR 128H PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB) PLU 16 TWR 128H @ 3547.00usft (N X32 - 33KB) Grid Minimum Curvature XTO ENERGY		
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)			
19,131.00	92.14	180.34	12,060.43	-8,513.43	-6,715.60	579.74	433,312.10	672,005.34	1.36	6,719.30			
19,225.00	92.62	180.79	12,056.52	-8,509.52	-6,809.51	578.81	433,218.19	672,004.41	0.70	6,813.20			
19,319.00	93.12	180.35	12,051.81	-8,504.81	-6,903.39	577.88	433,124.31	672,003.48	0.71	6,907.07			
19,414.00	89.93	179.20	12,049.29	-8,502.29	-6,998.34	578.25	433,029.36	672,003.85	3.57	7,002.02			
19,508.00	87.88	177.93	12,051.08	-8,504.08	-7,092.29	580.60	432,935.41	672,006.20	2.57	7,095.98			
19,602.00	88.42	177.75	12,054.12	-8,507.12	-7,186.17	584.15	432,841.53	672,009.75	0.61	7,189.89			
19,697.00	89.34	177.67	12,055.97	-8,508.97	-7,281.08	587.94	432,746.62	672,013.54	0.97	7,284.82			
19,791.00	89.90	178.00	12,056.60	-8,509.60	-7,375.01	591.49	432,652.69	672,017.09	0.69	7,378.77			
19,885.00	89.65	177.48	12,056.97	-8,509.97	-7,468.93	595.20	432,558.77	672,020.80	0.61	7,472.72			
19,979.00	87.74	176.26	12,059.11	-8,512.11	-7,562.76	600.33	432,464.94	672,025.93	2.41	7,566.58			
20,073.00	87.46	174.73	12,063.04	-8,516.04	-7,656.39	607.71	432,371.31	672,033.31	1.65	7,660.25			
20,168.00	87.07	174.10	12,067.58	-8,520.58	-7,750.83	616.94	432,276.87	672,042.54	0.78	7,754.75			
20,262.00	90.38	176.21	12,069.67	-8,522.67	-7,844.45	624.88	432,183.25	672,050.48	4.18	7,848.42			
20,356.00	90.83	177.80	12,068.68	-8,521.68	-7,938.31	629.79	432,089.39	672,055.39	1.76	7,942.32			
20,451.00	93.43	180.02	12,065.15	-8,518.15	-8,033.22	631.59	431,994.48	672,057.19	3.60	8,037.23			
20,545.00	93.33	181.28	12,059.60	-8,512.60	-8,127.04	630.53	431,900.66	672,056.13	1.34	8,131.05			
20,639.00	92.09	182.07	12,055.16	-8,508.16	-8,220.90	627.78	431,806.80	672,053.38	1.56	8,224.88			
20,733.00	91.30	181.28	12,052.38	-8,505.38	-8,314.81	625.04	431,712.89	672,050.64	1.19	8,318.78			
20,827.00	89.65	180.29	12,051.60	-8,504.60	-8,408.80	623.75	431,618.90	672,049.35	2.05	8,412.75			
20,922.00	86.51	180.57	12,054.78	-8,507.78	-8,503.73	623.04	431,523.97	672,048.64	3.32	8,507.67			
21,016.00	86.17	180.38	12,060.78	-8,513.78	-8,597.53	622.26	431,430.17	672,047.86	0.41	8,601.47			
21,110.00	86.62	180.24	12,066.69	-8,519.69	-8,691.35	621.75	431,336.35	672,047.35	0.50	8,695.28			
21,204.00	87.30	180.42	12,071.68	-8,524.68	-8,785.21	621.21	431,242.49	672,046.81	0.75	8,789.14			
21,298.00	90.24	180.61	12,073.70	-8,526.70	-8,879.18	620.37	431,148.52	672,045.97	3.13	8,883.10			
21,392.00	90.01	180.65	12,073.49	-8,526.49	-8,973.17	619.33	431,054.53	672,044.93	0.25	8,977.08			
21,487.00	90.97	181.14	12,072.68	-8,525.68	-9,068.15	617.85	430,959.55	672,043.45	1.13	9,072.05			
21,581.00	90.77	180.16	12,071.25	-8,524.25	-9,162.14	616.78	430,865.56	672,042.38	1.06	9,166.02			

GeoGuidance Drilling
FINAL SURVEY REPORT



Company: Project: Site: Well: Wellbore: Design:		XTO ENERGY INC. EDDY COUNTY, NM POKER LAKE UNIT 16 TWR PLU 16 TWR 128H PLU 16 TWR 128H PLU 16 TWR 128H	Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:		Well PLU 16 TWR 128H PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB) PLU 16 TWR 128H @ 3547.00usft (N X32 - 33'KB) Grid Minimum Curvature XTO ENERGY
--	--	---	--	--	---

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
21,675.00	91.84	180.32	12,069.11	-8,522.11	-9,256.11	616.39	430,771.59	672,041.99	1.15	9,259.99
21,770.00	90.18	180.20	12,067.44	-8,520.44	-9,351.09	615.96	430,676.61	672,041.56	1.75	9,354.97
21,865.00	87.52	181.95	12,069.34	-8,522.34	-9,446.04	614.18	430,581.66	672,039.78	3.35	9,449.91
22,216.00	87.52	181.95	12,084.53	-8,537.53	-9,796.51	602.25	430,231.19	672,027.85	0.00	9,800.29

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
892.00	890.42	-43.49	2.98	11 3/4" Casing
11,178.00	11,105.64	414.51	607.40	7 5/8" Casing
11,579.00	11,506.55	419.50	612.91	Curve KOP
12,479.00	12,090.08	-70.64	626.49	Land Curve
22,216.00	12,084.53	-9,796.51	602.25	Projection to Bit

Checked By: _____

Approved By: _____

Date: _____

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

11/23/2021

Well Name: POKER LAKE UNIT 16
TWR

Well Location: T24S / R31E / SEC 21 /
NWNE / 32.208662 / -103.779567

County or Parish/State: EDDY /
NM

Well Number: 128H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM0000506A,
NMNM0506A

Unit or CA Name: POKER LAKE

Unit or CA Number:
NMNM071016X, NMNM71016X

US Well Number: 3001547374

Well Status: Drilling Well

Operator: XTO PERMIAN
OPERATING LLC

Subsequent Report

Sundry ID: 2636675

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 09/29/2021

Time Sundry Submitted: 05:59

Date Operation Actually Began: 08/18/2021

Actual Procedure: KOP @ depth 11,566 ft. PBTD = 22,164 ft. 5/30/21 Run RCB/GR/CCL 7/26/21 Pressure test 5.5 in csg to 7,741 psi for 30min test good, open sleeve. 8/18/21 Perf and frac 48 stages, 1,152 total shots, from 12,428 to 22,083 using 487,685 bbls of fluid and 24,014,000 lbs Proppant. Tag and drill out plugs. 9/10/21 Run 2-7/8 L80 6.5# tubing set at 11,666 ft. 9/10/21 Packer setting depth 11,652 ft.

Well Name: POKER LAKE UNIT 16
TWR

Well Location: T24S / R31E / SEC 21 /
NWNE / 32.208662 / -103.779567

County or Parish/State: EDDY /
NM

Well Number: 128H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM0000506A,
NMNM0506A

Unit or CA Name: POKER LAKE

Unit or CA Number:
NMNM071016X, NMNM71016X

US Well Number: 3001547374

Well Status: Drilling Well

Operator: XTO PERMIAN
OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: CASSIE EVANS

Signed on: SEP 29, 2021 05:59 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 11/10/2021

Signature: Jonathon Shepard

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
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 16 TWR		
								6. Well Number: 128H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 373075				
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat PURPLE SAGE;WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	21	24S	31E		520	North	1650	East	Eddy
BH:	P	28	24S	31E		243	South	1114	East	Eddy
13. Date Spudded 12/6/2020	14. Date T.D. Reached 1/22/2021		15. Date Rig Released 1/24/2021		16. Date Completed (Ready to Produce) 10/03/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3514 GL		
18. Total Measured Depth of Well 22,216			19. Plug Back Measured Depth 22,204		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,428 - 22,083 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
11 3/4"		54.0		892'		14 3/4"		7306		
7 5/8"		29.70		11,168'		8 3/4"		1573		
5"		18.0		22,206'		6 3/4"		970		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE		DEPTH SET		PACKER SET
						2 7/8" 6.5# L80		11,666		11,652
26. Perforation record (interval, size, and number) 12,428 - 22,083 2spf, 1152 Total Shots 48 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,428 - 22,083		487,265 bbl fluid + 24,014,000 lbs proppant		
28. PRODUCTION										
Date First Production 10/4/21		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>)				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 10/8/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1773	Gas - MCF 5513	Water - Bbl. 6152	Gas - Oil Ratio 3,110			
Flow Tubing Press. 822	Casing Pressure 296	Calculated 24-Hour Rate	Oil - Bbl. 1773	Gas - MCF 5513	Water - Bbl. 6152	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 <u>Cassie Evans</u>			Name Cassie Evans			Title Regulatory Analyst			Date 2/27/22	
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 976'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4,186'	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 4,416	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Rustler 636'	T. Entrada	
T. Wolfcamp 11,616'	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 84531

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 84531
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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 84531

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 84531
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	8/21/2024