

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) 334-6170
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

EMNRD-OCD ARTESIA
REC'D: 6/24/2020 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 30-015-45850	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 325339	⁵ Property Name POKER LAKE UNIT 25 BD	⁶ Well Number 121H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,344'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	25 S	30 E		2,525	NORTH	522	WEST	EDDY

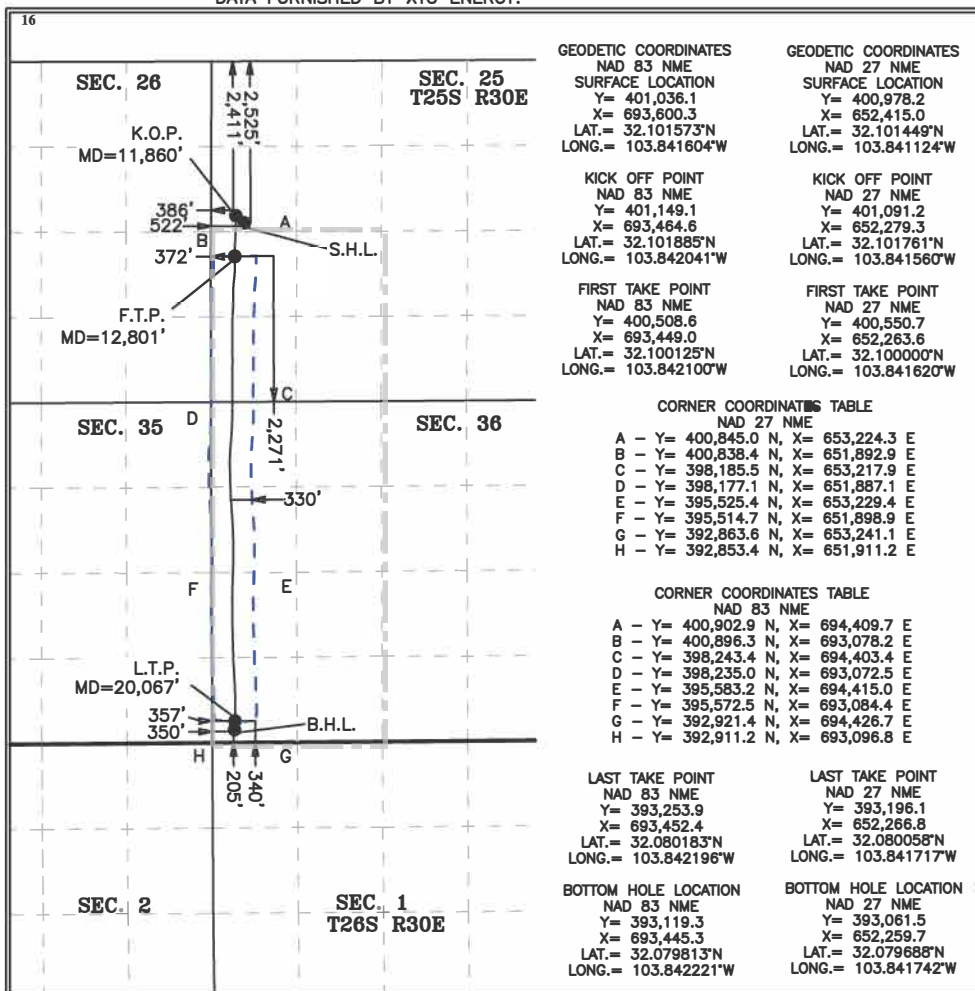
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	25 S	30 E		205	SOUTH	350	WEST	EDDY

¹² Dedicated Acres 480	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.



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.

Signature: Cheryl Rowell
Date: 6/24/20
Printed Name: Cheryl Rowell

E-mail Address: cheryl_rowell@xtoenergy.com

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.

06-23-2020

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



RR 2018010045

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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



XTO ENERGY INC.

EDDY CO., NM (NAD27)

Sec 25-T25S-R30E

Poker Lake Unit 25 BD #121H

Wellbore #1

Design: Surveys

Standard Survey Report

03 January, 2020





Final MWD Survey Certification

County, State: Eddy County, New Mexico

Client: XTO Energy

Well Name: Poker Lake Unit 25 BD #121H

API No: 30-015-45850

Start Date: Nov 18, 2019

End Date: Dec 7, 2019

Measure Start Depth: 252.00'

Measured End Depth: 20148.00'

Vertical Section from SHL to TD: 181.12° Azm

I, Jason Turner, MWD Coordinator, hereby certify that; I am employed by Newsco International Energy Services, Inc. and we conducted or supervised the taking of these open hole MWD surveys at the request of this client. This data is true, correct, complete and within the limitations of the tool as set forth by Newsco International Energy Services, Inc. I am authorized and qualified to make this report and have reviewed this report and find that it conforms to the principals and procedures as set forth by Newsco International Energy Services, Inc.

Date: 06/10/2020

Sign: *Jason Turner*

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #121H
Project:	EDDY CO., NM (NAD27)	TVD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #121H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Project	EDDY CO., NM (NAD27)		
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	Sec 25-T25S-R30E		
Site Position:		Northing:	400,908.10 usft
From:	Map	Easting:	652,415.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 4.522 N
		Longitude:	103° 50' 28.045 W
		Grid Convergence:	0.26 °

Well	Poker Lake Unit 25 BD #121H		
Well Position	+N/-S	0.00 usft	Northing: 400,973.20 usft
	+E/-W	0.00 usft	Easting: 652,415.00 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 5.166 N
		Longitude:	103° 50' 28.045 W
		Ground Level:	3,344.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	08/20/19	6.83	59.88	47,614.42

Design	Surveys				
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	181.12	

Survey Program	Date	01/03/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
252.00	11,684.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	
11,856.00	20,202.00	Survey #2 (Wellbore #1)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
252.00	0.70	274.80	251.99	0.13	-1.53	-0.10	0.28	0.28	0.00
347.00	0.84	294.28	346.99	0.46	-2.75	-0.41	0.31	0.15	20.51
441.00	0.84	280.75	440.98	0.88	-4.05	-0.80	0.21	0.00	-14.39
535.00	0.79	279.25	534.97	1.11	-5.37	-1.00	0.06	-0.05	-1.60
629.00	0.88	259.04	628.96	1.08	-6.72	-0.94	0.33	0.10	-21.50
708.00	1.58	259.30	707.94	0.76	-8.38	-0.59	0.89	0.89	0.33
803.00	1.23	261.94	802.91	0.37	-10.68	-0.16	0.37	-0.37	2.78
898.00	1.10	270.64	897.89	0.24	-12.60	0.01	0.23	-0.14	9.16
992.00	1.05	270.99	991.87	0.26	-14.36	0.02	0.05	-0.05	0.37

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Well:	Poker Lake Unit 25 BD #121H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,061.00	1.23	273.63	1,060.86	0.32	-15.74	-0.01	0.27	0.26	3.83
1,173.00	1.14	287.16	1,172.84	0.73	-18.00	-0.37	0.26	-0.08	12.08
1,267.00	1.14	285.85	1,266.82	1.26	-19.79	-0.87	0.03	0.00	-1.39
1,361.00	0.70	329.44	1,360.81	2.01	-20.98	-1.60	0.85	-0.47	46.37
1,455.00	0.70	326.28	1,454.80	2.98	-21.59	-2.56	0.04	0.00	-3.36
1,549.00	0.53	6.97	1,548.79	3.89	-21.86	-3.46	0.49	-0.18	43.29
1,644.00	0.79	56.28	1,643.79	4.69	-21.26	-4.27	0.63	0.27	51.91
1,738.00	0.48	79.74	1,737.78	5.12	-20.34	-4.72	0.42	-0.33	24.96
1,833.00	0.53	83.61	1,832.78	5.24	-19.51	-4.85	0.06	0.05	4.07
1,928.00	0.97	74.65	1,927.77	5.50	-18.30	-5.14	0.48	0.46	-9.43
2,022.00	1.27	66.30	2,021.75	6.13	-16.57	-5.80	0.36	0.32	-8.88
2,116.00	1.58	57.42	2,115.72	7.25	-14.53	-6.96	0.40	0.33	-9.45
2,211.00	1.85	45.20	2,210.68	9.03	-12.34	-8.79	0.48	0.28	-12.86
2,305.00	2.02	72.18	2,304.63	10.61	-9.68	-10.42	0.98	0.18	28.70
2,400.00	1.98	107.25	2,399.57	10.63	-6.52	-10.50	1.27	-0.04	36.92
2,494.00	1.58	130.46	2,493.53	9.31	-3.98	-9.23	0.87	-0.43	24.69
2,588.00	1.67	119.73	2,587.49	7.79	-1.81	-7.75	0.34	0.10	-11.41
2,683.00	0.62	192.07	2,682.48	6.60	-0.71	-6.59	1.68	-1.11	76.15
2,776.00	1.49	257.90	2,775.46	5.86	-2.00	-5.82	1.46	0.94	70.78
2,871.00	1.23	273.54	2,870.43	5.66	-4.23	-5.58	0.47	-0.27	16.46
2,965.00	0.31	323.55	2,964.43	5.93	-5.39	-5.82	1.13	-0.98	53.20
3,060.00	0.57	91.96	3,059.42	6.12	-5.07	-6.02	0.84	0.27	135.17
3,155.00	0.62	87.13	3,154.42	6.13	-4.08	-6.05	0.07	0.05	-5.08
3,249.00	0.31	33.69	3,248.42	6.36	-3.43	-6.30	0.53	-0.33	-56.85
3,344.00	2.20	306.50	3,343.39	7.66	-4.75	-7.57	2.32	1.99	-91.78
3,438.00	2.77	306.68	3,437.30	10.09	-8.03	-9.93	0.61	0.61	0.19
3,533.00	1.89	319.07	3,532.22	12.65	-10.89	-12.43	1.06	-0.93	13.04
3,628.00	2.29	309.58	3,627.16	15.04	-13.38	-14.77	0.56	0.42	-9.99
3,722.00	2.95	299.21	3,721.06	17.42	-16.94	-17.08	0.86	0.70	-11.03
3,817.00	2.46	287.87	3,815.96	19.24	-21.02	-18.82	0.76	-0.52	-11.94
3,905.00	3.65	287.08	3,903.83	20.64	-25.49	-20.13	1.35	1.35	-0.90
3,994.00	3.79	280.91	3,992.64	22.03	-31.09	-21.41	0.48	0.16	-6.93
4,087.00	2.97	258.20	4,085.49	22.12	-36.46	-21.40	1.67	-0.88	-24.42
4,180.00	2.40	270.69	4,178.38	21.65	-40.77	-20.84	0.87	-0.61	13.43
4,275.00	3.19	294.50	4,273.27	22.77	-45.16	-21.88	1.46	0.83	25.06
4,369.00	3.86	311.29	4,367.10	25.94	-49.92	-24.96	1.30	0.71	17.86
4,464.00	4.27	328.12	4,461.86	31.05	-54.19	-29.98	1.32	0.43	17.72
4,558.00	4.19	328.39	4,555.61	36.95	-57.84	-35.81	0.09	-0.09	0.29
4,652.00	4.04	326.40	4,649.36	42.63	-61.47	-41.42	0.22	-0.16	-2.12
4,746.00	4.28	326.01	4,743.12	48.30	-65.27	-47.01	0.26	0.26	-0.41
4,842.00	4.11	323.65	4,838.86	54.04	-69.31	-52.67	0.25	-0.18	-2.46
4,936.00	4.04	321.36	4,932.62	59.34	-73.37	-57.89	0.19	-0.07	-2.44
5,031.00	3.95	322.37	5,027.39	64.54	-77.46	-63.01	0.12	-0.09	1.06

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Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,126.00	3.92	319.26	5,122.17	69.60	-81.58	-67.98	0.23	-0.03	-3.27
5,220.00	3.83	318.37	5,215.95	74.38	-85.76	-72.68	0.12	-0.10	-0.95
5,315.00	3.81	319.40	5,310.74	79.14	-89.92	-77.37	0.08	-0.02	1.08
5,410.00	3.79	320.14	5,405.53	83.95	-93.99	-82.09	0.06	-0.02	0.78
5,504.00	3.84	318.72	5,499.32	88.70	-98.06	-86.76	0.11	0.05	-1.51
5,599.00	3.79	321.11	5,594.11	93.54	-102.13	-91.51	0.18	-0.05	2.52
5,694.00	3.55	320.02	5,688.92	98.23	-105.99	-96.14	0.26	-0.25	-1.15
5,789.00	3.50	317.52	5,783.74	102.63	-109.83	-100.45	0.17	-0.05	-2.63
5,883.00	3.53	312.21	5,877.56	106.69	-113.92	-104.43	0.35	0.03	-5.65
5,978.00	3.47	311.13	5,972.38	110.54	-118.25	-108.20	0.09	-0.06	-1.14
6,073.00	3.51	310.58	6,067.21	114.32	-122.62	-111.90	0.05	0.04	-0.58
6,167.00	2.87	321.03	6,161.06	118.03	-126.29	-115.53	0.92	-0.68	11.12
6,262.00	2.58	326.01	6,255.96	121.65	-128.98	-119.10	0.39	-0.31	5.24
6,356.00	2.46	326.23	6,349.86	125.08	-131.28	-122.48	0.13	-0.13	0.23
6,451.00	1.17	307.24	6,444.82	127.36	-133.19	-124.72	1.48	-1.36	-19.99
6,545.00	0.62	287.52	6,538.80	128.10	-134.44	-125.43	0.66	-0.59	-20.98
6,640.00	0.66	276.83	6,633.80	128.31	-135.47	-125.63	0.13	0.04	-11.25
6,735.00	0.48	292.98	6,728.79	128.54	-136.38	-125.84	0.25	-0.19	17.00
6,829.00	0.58	271.99	6,822.79	128.71	-137.22	-125.99	0.23	0.11	-22.33
6,924.00	0.58	263.49	6,917.78	128.67	-138.18	-125.93	0.09	0.00	-8.95
7,018.00	0.66	271.78	7,011.78	128.63	-139.19	-125.88	0.13	0.09	8.82
7,112.00	0.73	248.97	7,105.77	128.43	-140.29	-125.66	0.30	0.07	-24.27
7,206.00	0.79	247.18	7,199.76	127.97	-141.45	-125.17	0.07	0.06	-1.90
7,301.00	0.90	234.02	7,294.75	127.27	-142.65	-124.45	0.23	0.12	-13.85
7,395.00	1.15	236.43	7,388.74	126.32	-144.04	-123.47	0.27	0.27	2.56
7,489.00	1.44	234.81	7,482.71	125.12	-145.79	-122.23	0.31	0.31	-1.72
7,584.00	1.41	226.09	7,577.69	123.62	-147.61	-120.70	0.23	-0.03	-9.18
7,678.00	1.68	224.81	7,671.65	121.84	-149.41	-118.88	0.29	0.29	-1.36
7,772.00	1.95	220.74	7,765.60	119.65	-151.42	-116.66	0.32	0.29	-4.33
7,866.00	1.89	221.32	7,859.55	117.27	-153.49	-114.24	0.07	-0.06	0.62
7,959.00	1.67	239.33	7,952.51	115.43	-155.67	-112.36	0.64	-0.24	19.37
8,053.00	1.44	226.02	8,046.47	113.91	-157.70	-110.80	0.45	-0.24	-14.16
8,148.00	1.03	223.23	8,141.45	112.46	-159.14	-109.32	0.44	-0.43	-2.94
8,242.00	0.75	224.61	8,235.44	111.41	-160.15	-108.24	0.30	-0.30	1.47
8,336.00	0.82	222.78	8,329.43	110.47	-161.04	-107.30	0.08	0.07	-1.95
8,429.00	0.45	221.32	8,422.42	109.71	-161.73	-106.52	0.40	-0.40	-1.57
8,522.00	0.92	122.41	8,515.42	109.04	-161.35	-105.85	1.17	0.51	-106.35
8,617.00	1.04	127.55	8,610.41	108.10	-160.02	-104.94	0.16	0.13	5.41
8,711.00	1.60	98.34	8,704.38	107.39	-158.04	-104.27	0.91	0.60	-31.07
8,806.00	1.65	102.62	8,799.34	106.90	-155.40	-103.83	0.14	0.05	4.51
8,900.00	1.22	129.18	8,893.31	105.97	-153.30	-102.95	0.83	-0.46	28.26
8,993.00	1.46	149.06	8,986.29	104.33	-151.92	-101.33	0.56	0.26	21.38
9,087.00	1.30	147.21	9,080.26	102.41	-150.73	-99.43	0.18	-0.17	-1.97

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Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,182.00	1.53	97.02	9,175.24	101.35	-148.89	-98.41	1.28	0.24	-52.83	
9,276.00	1.67	107.93	9,269.20	100.77	-146.34	-97.88	0.36	0.15	11.61	
9,370.00	1.83	65.08	9,363.16	100.98	-143.67	-98.15	1.37	0.17	-45.59	
9,464.00	1.69	60.83	9,457.12	102.29	-141.10	-99.50	0.20	-0.15	-4.52	
9,559.00	1.20	103.83	9,552.09	102.74	-138.91	-99.99	1.21	-0.52	45.26	
9,653.00	0.80	95.99	9,646.07	102.43	-137.31	-99.72	0.45	-0.43	-8.34	
9,747.00	0.79	50.93	9,740.07	102.77	-136.15	-100.08	0.65	-0.01	-47.94	
9,841.00	0.68	68.46	9,834.06	103.39	-135.13	-100.72	0.26	-0.12	18.65	
9,936.00	0.73	35.58	9,929.05	104.09	-134.25	-101.43	0.42	0.05	-34.61	
10,030.00	1.17	14.25	10,023.04	105.50	-133.67	-102.86	0.59	0.47	-22.69	
10,125.00	0.72	39.83	10,118.03	106.90	-133.05	-104.27	0.64	-0.47	26.93	
10,219.00	1.92	348.31	10,212.00	108.90	-132.99	-106.27	1.68	1.28	-54.81	
10,313.00	2.61	347.41	10,305.93	112.53	-133.77	-109.88	0.73	0.73	-0.96	
10,407.00	1.45	346.50	10,399.87	115.77	-134.52	-113.11	1.23	-1.23	-0.97	
10,502.00	1.10	331.24	10,494.84	117.74	-135.24	-115.07	0.51	-0.37	-16.06	
10,596.00	1.09	315.97	10,588.83	119.17	-136.29	-116.48	0.31	-0.01	-16.24	
10,691.00	1.61	8.11	10,683.80	121.15	-136.73	-118.44	1.34	0.55	54.88	
10,786.00	1.21	2.66	10,778.77	123.47	-136.50	-120.77	0.44	-0.42	-5.74	
10,881.00	0.78	320.33	10,873.76	124.97	-136.86	-122.26	0.87	-0.45	-44.56	
10,975.00	0.51	274.11	10,967.76	125.49	-137.69	-122.77	0.60	-0.29	-49.17	
11,069.00	0.16	102.19	11,061.75	125.49	-137.98	-122.76	0.71	-0.37	-182.89	
11,163.00	0.52	125.73	11,155.75	125.22	-137.50	-122.50	0.40	0.38	25.04	
11,257.00	0.71	129.13	11,249.75	124.60	-136.70	-121.90	0.21	0.20	3.62	
11,352.00	0.90	136.11	11,344.74	123.69	-135.73	-121.01	0.22	0.20	7.35	
11,446.00	0.44	117.88	11,438.73	122.99	-134.90	-120.32	0.53	-0.49	-19.39	
11,540.00	0.77	152.07	11,532.73	122.26	-134.28	-119.61	0.51	0.35	36.37	
11,633.00	1.07	153.63	11,625.71	120.93	-133.61	-118.29	0.32	0.32	1.68	
11,684.00	1.06	146.31	11,676.71	120.11	-133.13	-117.48	0.27	-0.02	-14.35	
11,856.00	4.28	212.16	11,848.52	113.35	-135.67	-110.67	2.31	1.87	38.28	
11,903.00	8.10	185.64	11,895.25	108.57	-136.93	-105.87	9.95	8.13	-56.43	
11,950.00	11.56	184.95	11,941.55	100.58	-137.66	-97.86	7.37	7.36	-1.47	
11,997.00	16.20	178.33	11,987.17	89.33	-137.88	-86.61	10.42	9.87	-14.09	
12,044.00	20.22	179.98	12,031.80	74.65	-137.68	-71.93	8.62	8.55	3.51	
12,091.00	25.81	179.22	12,075.05	56.28	-137.54	-53.57	11.91	11.89	-1.62	
12,138.00	29.46	176.77	12,116.68	34.50	-136.75	-31.81	8.13	7.77	-5.21	
12,185.00	33.00	176.54	12,156.86	10.18	-135.32	-7.52	7.54	7.53	-0.49	
12,232.00	38.56	179.93	12,194.98	-17.27	-134.53	19.90	12.56	11.83	7.21	
12,280.00	45.02	180.31	12,230.75	-49.24	-134.61	51.87	13.47	13.46	0.79	
12,326.00	51.34	181.62	12,261.41	-83.50	-135.20	86.13	13.90	13.74	2.85	
12,373.00	55.61	183.39	12,289.37	-121.22	-136.87	123.88	9.58	9.09	3.77	
12,420.00	59.54	182.62	12,314.57	-160.83	-138.94	163.52	8.48	8.36	-1.64	
12,468.00	66.07	184.16	12,336.50	-203.42	-141.48	206.16	13.90	13.60	3.21	
12,515.00	72.38	183.86	12,353.16	-247.23	-144.55	250.02	13.44	13.43	-0.64	
12,562.00	76.17	182.93	12,365.90	-292.39	-147.23	295.22	8.29	8.06	-1.98	

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #121H
Project:	EDDY CO., NM (NAD27)	TVD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #121H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,609.00	77.32	182.75	12,376.67	-338.08	-149.49	340.94	2.48	2.45	-0.38
12,656.00	77.44	182.02	12,386.94	-383.90	-151.40	386.80	1.54	0.26	-1.55
12,703.00	81.18	180.93	12,395.66	-430.06	-152.59	432.97	8.28	7.96	-2.32
12,740.00	84.04	179.02	12,400.42	-466.75	-152.57	469.65	9.27	7.73	-5.16
12,833.00	87.38	178.62	12,407.37	-559.46	-150.66	562.30	3.62	3.59	-0.43
12,927.00	92.84	179.67	12,407.19	-653.41	-149.26	656.21	5.91	5.81	1.12
13,021.00	96.55	181.08	12,399.50	-747.07	-149.87	749.87	4.22	3.95	1.50
13,115.00	88.32	187.07	12,395.51	-840.63	-156.55	843.53	10.82	-8.76	6.37
13,209.00	86.34	186.10	12,399.88	-933.90	-167.32	937.00	2.35	-2.11	-1.03
13,302.00	85.74	182.51	12,406.31	-1,026.40	-174.28	1,029.62	3.90	-0.65	-3.86
13,396.00	88.88	178.78	12,410.72	-1,120.26	-175.33	1,123.48	5.18	3.34	-3.97
13,490.00	90.46	180.47	12,411.26	-1,214.25	-174.72	1,217.44	2.46	1.68	1.80
13,583.00	91.47	182.39	12,409.70	-1,307.20	-177.04	1,310.42	2.33	1.09	2.06
13,677.00	91.88	183.92	12,406.95	-1,401.02	-182.21	1,404.32	1.68	0.44	1.63
13,770.00	89.38	182.93	12,405.93	-1,493.84	-187.76	1,497.23	2.89	-2.69	-1.06
13,864.00	87.30	179.68	12,408.65	-1,587.76	-189.90	1,591.17	4.10	-2.21	-3.46
13,958.00	88.82	178.94	12,411.83	-1,681.69	-188.77	1,685.07	1.80	1.62	-0.79
14,052.00	89.54	180.10	12,413.18	-1,775.68	-187.99	1,779.02	1.45	0.77	1.23
14,145.00	91.32	181.12	12,412.48	-1,868.66	-188.98	1,872.01	2.21	1.91	1.10
14,239.00	89.48	179.85	12,411.82	-1,962.65	-189.77	1,966.00	2.38	-1.96	-1.35
14,332.00	89.19	179.52	12,412.90	-2,055.64	-189.26	2,058.96	0.47	-0.31	-0.35
14,426.00	88.89	179.83	12,414.48	-2,149.63	-188.73	2,152.92	0.46	-0.32	0.33
14,521.00	90.14	179.59	12,415.28	-2,244.62	-188.25	2,247.88	1.34	1.32	-0.25
14,614.00	90.76	180.60	12,414.55	-2,337.62	-188.40	2,340.86	1.27	0.67	1.09
14,708.00	92.73	181.56	12,411.69	-2,431.55	-190.17	2,434.81	2.33	2.10	1.02
14,802.00	90.95	181.13	12,408.67	-2,525.47	-192.38	2,528.76	1.95	-1.89	-0.46
14,896.00	90.06	179.80	12,407.84	-2,619.46	-193.14	2,622.75	1.70	-0.95	-1.41
14,989.00	89.78	178.95	12,407.97	-2,712.46	-192.12	2,715.70	0.96	-0.30	-0.91
15,084.00	88.39	178.03	12,409.49	-2,807.41	-189.62	2,810.59	1.75	-1.46	-0.97
15,177.00	90.45	179.78	12,410.43	-2,900.38	-187.84	2,903.50	2.91	2.22	1.88
15,271.00	91.75	182.63	12,408.63	-2,994.33	-189.82	2,997.48	3.33	1.38	3.03
15,364.00	92.35	180.68	12,405.30	-3,087.23	-192.50	3,090.41	2.19	0.65	-2.10
15,458.00	93.00	182.44	12,400.91	-3,181.08	-195.06	3,184.30	1.99	0.69	1.87
15,552.00	91.71	183.14	12,397.05	-3,274.89	-199.63	3,278.18	1.56	-1.37	0.74
15,647.00	92.73	185.62	12,393.37	-3,369.53	-206.88	3,372.94	2.82	1.07	2.61
15,741.00	88.66	184.60	12,392.23	-3,463.13	-215.25	3,466.69	4.46	-4.33	-1.09
15,834.00	90.32	185.64	12,393.06	-3,555.75	-223.55	3,559.45	2.11	1.78	1.12
15,928.00	88.18	181.90	12,394.29	-3,649.52	-229.73	3,653.32	4.58	-2.28	-3.98
16,022.00	87.26	178.14	12,398.03	-3,743.43	-229.76	3,747.21	4.11	-0.98	-4.00
16,116.00	86.81	177.04	12,402.89	-3,837.22	-225.81	3,840.91	1.26	-0.48	-1.17
16,210.00	92.31	179.59	12,403.61	-3,931.13	-223.05	3,934.75	6.45	5.85	2.71
16,304.00	93.66	180.87	12,398.72	-4,025.00	-223.43	4,028.60	1.98	1.44	1.36
16,399.00	86.83	177.73	12,398.31	-4,119.92	-222.27	4,123.49	7.91	-7.19	-3.31

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #121H
Project:	EDDY CO., NM (NAD27)	TVD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #121H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,492.00	87.45	177.52	12,402.95	-4,212.73	-218.42	4,216.20	0.70	0.67	-0.23
16,586.00	83.42	175.71	12,410.43	-4,306.24	-212.89	4,309.59	4.70	-4.29	-1.93
16,680.00	84.55	176.24	12,420.28	-4,399.49	-206.33	4,402.69	1.33	1.20	0.56
16,807.00	89.62	175.36	12,426.74	-4,525.94	-197.04	4,528.94	4.05	3.99	-0.69
16,901.00	91.36	176.42	12,425.93	-4,619.69	-190.31	4,622.54	2.17	1.85	1.13
16,994.00	91.13	177.63	12,423.91	-4,712.54	-185.48	4,715.27	1.32	-0.25	1.30
17,089.00	90.63	177.24	12,422.45	-4,807.44	-181.23	4,810.07	0.67	-0.53	-0.41
17,183.00	92.49	179.53	12,419.89	-4,901.35	-178.58	4,903.91	3.14	1.98	2.44
17,277.00	91.86	179.11	12,416.33	-4,995.28	-177.47	4,997.80	0.81	-0.67	-0.45
17,371.00	91.93	179.15	12,413.22	-5,089.22	-176.04	5,091.69	0.09	0.07	0.04
17,465.00	90.79	179.21	12,410.99	-5,183.18	-174.69	5,185.61	1.21	-1.21	0.06
17,559.00	90.98	180.54	12,409.54	-5,277.17	-174.49	5,279.57	1.43	0.20	1.41
17,653.00	91.30	181.89	12,407.67	-5,371.12	-176.48	5,373.55	1.48	0.34	1.44
17,747.00	90.52	183.64	12,406.17	-5,465.00	-181.02	5,467.50	2.04	-0.83	1.86
17,841.00	90.32	181.57	12,405.48	-5,558.89	-185.29	5,561.46	2.21	-0.21	-2.20
17,935.00	90.74	181.46	12,404.61	-5,652.86	-187.77	5,655.45	0.46	0.45	-0.12
18,029.00	91.41	182.48	12,402.85	-5,746.78	-191.00	5,749.42	1.30	0.71	1.09
18,123.00	89.09	180.07	12,402.44	-5,840.74	-193.10	5,843.41	3.56	-2.47	-2.56
18,217.00	88.91	178.49	12,404.08	-5,934.72	-191.91	5,937.34	1.69	-0.19	-1.68
18,311.00	89.08	180.08	12,405.73	-6,028.70	-190.74	6,031.28	1.70	0.18	1.69
18,406.00	90.94	180.15	12,405.71	-6,123.69	-190.93	6,126.26	1.96	1.96	0.07
18,499.00	90.83	180.10	12,404.28	-6,216.68	-191.13	6,219.23	0.13	-0.12	-0.05
18,593.00	90.74	178.17	12,402.99	-6,310.66	-189.72	6,313.16	2.06	-0.10	-2.05
18,687.00	91.25	179.63	12,401.36	-6,404.62	-187.91	6,407.07	1.64	0.54	1.55
18,781.00	85.98	175.56	12,403.63	-6,498.46	-183.97	6,500.82	7.08	-5.61	-4.33
18,874.00	89.89	178.26	12,406.98	-6,591.24	-178.97	6,593.48	5.11	4.20	2.90
18,968.00	90.38	179.27	12,406.76	-6,685.21	-176.94	6,687.40	1.19	0.52	1.07
19,061.00	90.73	178.88	12,405.86	-6,778.20	-175.44	6,780.33	0.56	0.38	-0.42
19,155.00	88.60	178.04	12,406.41	-6,872.15	-172.92	6,874.22	2.44	-2.27	-0.89
19,249.00	84.05	175.02	12,412.43	-6,965.75	-167.25	6,967.69	5.81	-4.84	-3.21
19,303.00	84.05	175.02	12,418.03	-7,019.26	-162.58	7,021.10	0.00	0.00	0.00
19,343.00	87.59	176.22	12,420.94	-7,059.03	-159.54	7,060.80	9.34	8.85	3.00
19,436.00	91.41	179.25	12,421.76	-7,151.93	-155.86	7,153.61	5.24	4.11	3.26
19,531.00	90.63	178.21	12,420.06	-7,246.89	-153.76	7,248.51	1.37	-0.82	-1.09
19,624.00	91.05	178.67	12,418.70	-7,339.84	-151.23	7,341.39	0.67	0.45	0.49
19,718.00	90.49	176.88	12,417.44	-7,433.76	-147.58	7,435.22	2.00	-0.60	-1.90
19,812.00	91.82	176.85	12,415.54	-7,527.60	-142.44	7,528.94	1.42	1.41	-0.03
19,906.00	94.65	181.99	12,410.24	-7,621.40	-141.48	7,622.71	6.23	3.01	5.47
20,000.00	91.74	182.16	12,405.00	-7,715.18	-144.88	7,716.54	3.10	-3.10	0.18
20,093.00	92.81	183.51	12,401.31	-7,807.99	-149.48	7,809.42	1.85	1.15	1.45
20,148.00	92.68	182.90	12,398.67	-7,862.84	-152.55	7,864.32	1.13	-0.24	-1.11
Last Survey - 20148.00' MD, 12398.67' TVD									
20,202.00	92.68	182.90	12,396.15	-7,916.71	-155.28	7,918.24	0.00	0.00	0.00
PTB									



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #121H
Project:	EDDY CO., NM (NAD27)	TVD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #121H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
20,148.00	12,398.67	-7,862.84	-152.55	Last Survey - 20148.00' MD, 12398.67' TVD	
20,202.00	12,396.15	-7,916.71	-155.28	PTB	