

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

EMNRD-OC D ARTESIA
REC'D: 6/30/2020
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 30-015-45863	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 901H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,344'

¹⁰ Surface Location

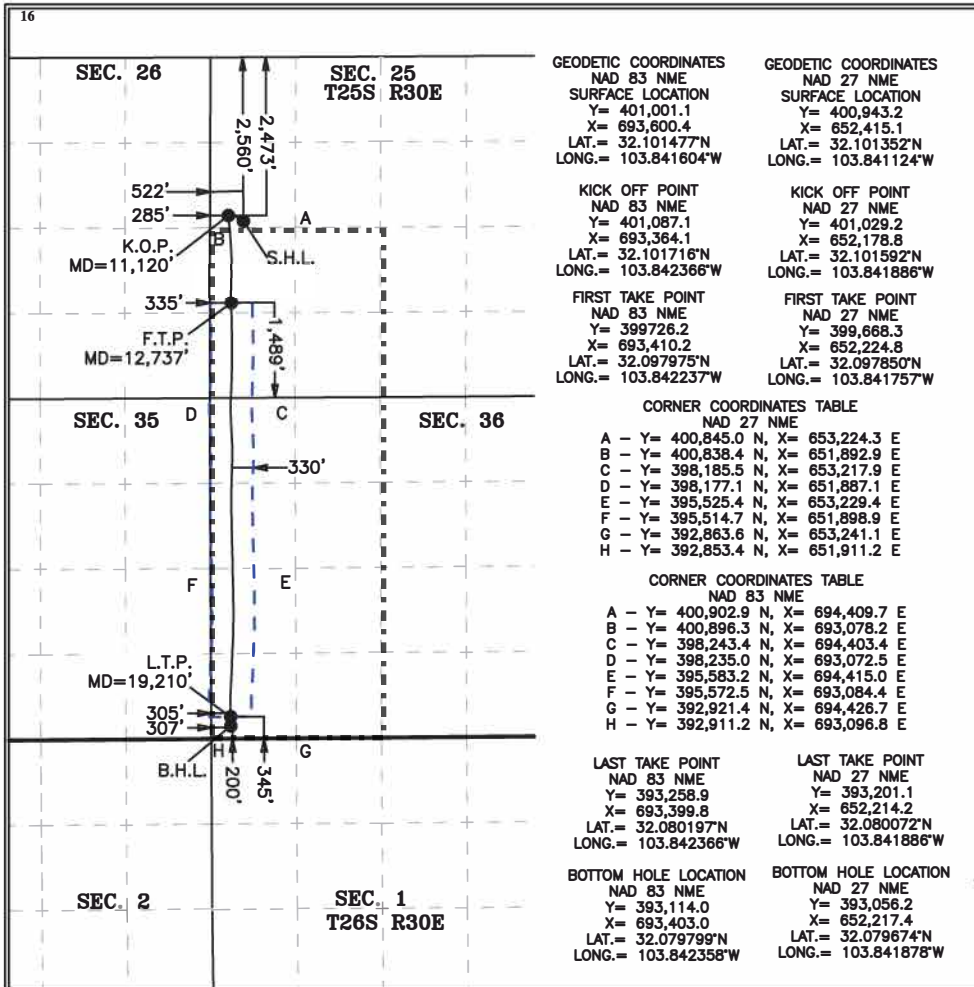
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	25 S	30 E		2,560	NORTH	522	WEST	EDDY

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		200	SOUTH	307	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: 6/30/20
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.

06-30-2020

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



RR 2018010044

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)

OK RWP

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



Directional Survey Certification

Operator: XTO Energy Inc. API#: 30-015-45863

Well Name: Poker Lake Unit 25 BD #901H

Well Surface Hole Location (SHL):

Latitude: 32° 6' 4.8691" N Datum: NAD27/NME County: Eddy

Longitude: 103° 50' 28.0455" W North Reference: Grid State: New Mexico

Rig Contractor & Rig No.: Nabors M7504 Location: Sec 25-T25S-R30E

GL Elevation: 3344.00 RKB: 3367.00

MWD Surveyed from: 149.00 usft. to 19399.00 usft. MD

Survey Type: MWD Sensor to Bit Offset: 48 ft

MWD Surveyor Name: Ryan Mahoney

Start Dates: 09/19/19 Finish Dates: 11/14/19
(mm/dd/yyyy) (mm/dd/yyyy)

"The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by NEWSCO International Energy Services USA, Inc. I am authorized and qualified to review the data, calculations and this report and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using the minimum curvature method."


Signature

1/8/19
Date Signed
(mm/dd/yyyy)



XTO ENERGY INC.

EDDY CO., NM (NAD27)

Sec 25-T25S-R30E

Poker Lake Unit 25 BD #901H

Wellbore #1

Design: Surveys

Standard Survey Report

05 December, 2019



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	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 #901H		
Well Position	+N/-S	0.00 usft	Northing: 400,943.20 usft
	+E/-W	0.00 usft	Easting: 652,415.10 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 6' 4.869 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	47,614.38

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	181.27	

Survey Program	Date	12/05/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
149.00	19,453.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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	
149.00	0.48	269.32	149.00	-0.01	-0.62	0.02	0.32	0.32	0.00	
239.00	0.53	284.79	238.99	0.09	-1.40	-0.06	0.16	0.06	17.19	
331.00	0.62	278.38	330.99	0.28	-2.31	-0.22	0.12	0.10	-6.97	
422.00	0.53	288.22	421.99	0.48	-3.19	-0.41	0.15	-0.10	10.81	
517.00	0.57	238.91	516.98	0.37	-4.02	-0.28	0.48	0.04	-51.91	
608.00	0.62	221.51	607.98	-0.23	-4.73	0.33	0.21	0.05	-19.12	
699.00	1.05	257.28	698.97	-0.78	-5.87	0.91	0.72	0.47	39.31	
794.00	0.66	232.32	793.96	-1.31	-7.15	1.47	0.56	-0.41	-26.27	
888.00	0.75	179.67	887.95	-2.25	-7.58	2.42	0.67	0.10	-56.01	

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Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #901H	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)	
983.00	0.57	131.86	982.95	-3.19	-7.22	3.35	0.59	-0.19	-50.33	
1,070.00	0.62	149.26	1,069.94	-3.89	-6.66	4.03	0.21	0.06	20.00	
1,157.00	0.66	135.82	1,156.94	-4.65	-6.07	4.78	0.18	0.05	-15.45	
1,252.00	1.23	158.93	1,251.92	-5.99	-5.32	6.11	0.71	0.60	24.33	
1,346.00	1.49	129.58	1,345.90	-7.71	-4.02	7.80	0.78	0.28	-31.22	
1,441.00	2.07	74.56	1,440.86	-8.04	-1.41	8.07	1.81	0.61	-57.92	
1,534.00	2.55	65.68	1,533.78	-6.74	2.09	6.70	0.64	0.52	-9.55	
1,628.00	2.46	54.61	1,627.69	-4.71	5.64	4.59	0.52	-0.10	-11.78	
1,722.00	1.27	56.28	1,721.64	-2.97	8.16	2.79	1.27	-1.27	1.78	
1,817.00	0.97	39.14	1,816.62	-1.76	9.54	1.55	0.47	-0.32	-18.04	
1,912.00	1.27	44.76	1,911.60	-0.39	10.79	0.15	0.34	0.32	5.92	
2,007.00	0.57	16.29	2,006.59	0.81	11.66	-1.07	0.86	-0.74	-29.97	
2,101.00	0.40	309.14	2,100.59	1.47	11.54	-1.72	0.59	-0.18	-71.44	
2,195.00	0.18	331.02	2,194.59	1.80	11.21	-2.05	0.26	-0.23	23.28	
2,290.00	0.53	350.09	2,289.59	2.37	11.06	-2.61	0.38	0.37	20.07	
2,384.00	0.84	338.32	2,383.58	3.44	10.73	-3.67	0.36	0.33	-12.52	
2,479.00	1.27	341.31	2,478.56	5.08	10.14	-5.30	0.46	0.45	3.15	
2,573.00	1.54	307.12	2,572.54	6.83	8.80	-7.02	0.92	0.29	-36.37	
2,667.00	2.29	280.66	2,666.48	7.94	5.95	-8.07	1.21	0.80	-28.15	
2,762.00	1.23	302.19	2,761.44	8.83	3.22	-8.90	1.30	-1.12	22.66	
2,856.00	0.57	16.90	2,855.43	9.82	2.50	-9.87	1.29	-0.70	79.48	
2,950.00	0.40	97.94	2,949.43	10.22	2.96	-10.28	0.68	-0.18	86.21	
3,044.00	0.88	141.27	3,043.42	9.61	3.74	-9.69	0.69	0.51	46.10	
3,139.00	0.79	122.11	3,138.41	8.70	4.75	-8.80	0.31	-0.09	-20.17	
3,233.00	1.01	124.22	3,232.40	7.89	5.98	-8.02	0.24	0.23	2.24	
3,328.00	0.22	211.58	3,327.40	7.26	6.58	-7.40	1.08	-0.83	91.96	
3,423.00	1.45	272.57	3,422.38	7.16	5.28	-7.27	1.43	1.29	64.20	
3,517.00	3.52	288.83	3,516.29	8.14	1.36	-8.17	2.30	2.20	17.30	
3,612.00	5.63	294.90	3,610.98	11.05	-5.62	-10.92	2.28	2.22	6.39	
3,706.00	5.67	292.88	3,704.53	14.79	-14.08	-14.48	0.22	0.04	-2.15	
3,801.00	4.97	285.76	3,799.12	17.73	-22.37	-17.23	1.01	-0.74	-7.49	
3,896.00	5.01	284.70	3,893.76	19.91	-30.34	-19.23	0.11	0.04	-1.12	
4,086.00	4.88	280.91	4,083.05	23.54	-46.30	-22.51	0.19	-0.07	-1.99	
4,180.00	4.79	290.42	4,176.72	25.67	-53.91	-24.47	0.86	-0.10	10.12	
4,274.00	5.45	302.06	4,270.35	29.41	-61.37	-28.04	1.31	0.70	12.38	
4,369.00	5.49	303.30	4,364.91	34.29	-68.99	-32.76	0.13	0.04	1.31	
4,464.00	5.05	304.36	4,459.51	39.15	-76.24	-37.45	0.47	-0.46	1.12	
4,559.00	4.57	301.81	4,554.18	43.50	-82.91	-41.66	0.55	-0.51	-2.68	
4,653.00	4.48	309.03	4,647.88	47.79	-88.94	-45.81	0.61	-0.10	7.68	
4,747.00	5.49	312.83	4,741.53	53.16	-95.09	-51.04	1.13	1.07	4.04	
4,841.00	5.67	310.50	4,835.08	59.23	-101.92	-56.96	0.31	0.19	-2.48	
4,936.00	5.45	310.72	4,929.64	65.22	-108.91	-62.79	0.23	-0.23	0.23	
5,031.00	5.93	305.80	5,024.17	71.04	-116.31	-68.44	0.72	0.51	-5.18	
5,125.00	6.24	307.31	5,117.64	76.97	-124.31	-74.20	0.37	0.33	1.61	

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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Site:	Sec 25-T25S-R30E	MD Reference:	RKB (GL+23') @ 3367.00usft (Nabors M7504)
Well:	Poker Lake Unit 25 BD #901H	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)	
5,220.00	6.11	306.57	5,212.09	83.12	-132.48	-80.16	0.16	-0.14	-0.78	
5,315.00	6.64	300.11	5,306.50	88.88	-141.29	-85.73	0.94	0.56	-6.80	
5,409.00	6.81	299.06	5,399.85	94.32	-150.86	-90.95	0.22	0.18	-1.12	
5,504.00	6.33	300.49	5,494.23	99.71	-160.30	-96.13	0.53	-0.51	1.51	
5,599.00	5.85	294.57	5,588.69	104.38	-169.21	-100.60	0.83	-0.51	-6.23	
5,693.00	5.27	290.90	5,682.25	107.91	-177.60	-103.95	0.72	-0.62	-3.90	
5,788.00	5.01	290.61	5,776.87	110.93	-185.56	-106.79	0.28	-0.27	-0.31	
5,883.00	4.75	288.60	5,871.53	113.64	-193.17	-109.33	0.33	-0.27	-2.12	
5,978.00	4.66	287.68	5,966.21	116.07	-200.58	-111.60	0.12	-0.09	-0.97	
6,072.00	3.08	283.58	6,059.99	117.82	-206.67	-113.21	1.71	-1.68	-4.36	
6,167.00	2.37	287.41	6,154.88	119.01	-211.02	-114.30	0.77	-0.75	4.03	
6,262.00	2.24	286.96	6,249.80	120.14	-214.67	-115.35	0.14	-0.14	-0.47	
6,356.00	2.29	283.51	6,343.73	121.11	-218.26	-116.25	0.15	0.05	-3.67	
6,450.00	1.71	279.09	6,437.67	121.77	-221.47	-116.83	0.64	-0.62	-4.70	
6,545.00	1.01	261.06	6,532.65	121.87	-223.70	-116.88	0.85	-0.74	-18.98	
6,639.00	1.01	262.45	6,626.63	121.63	-225.34	-116.61	0.03	0.00	1.48	
6,734.00	0.88	249.11	6,721.62	121.26	-226.85	-116.20	0.27	-0.14	-14.04	
6,829.00	0.88	247.90	6,816.61	120.72	-228.20	-115.64	0.02	0.00	-1.27	
6,924.00	1.05	239.73	6,911.59	120.01	-229.63	-114.89	0.23	0.18	-8.60	
7,018.00	0.88	234.58	7,005.58	119.16	-230.96	-114.01	0.20	-0.18	-5.48	
7,112.00	0.97	233.50	7,099.57	118.27	-232.19	-113.09	0.10	0.10	-1.15	
7,206.00	1.05	225.88	7,193.55	117.19	-233.45	-111.99	0.17	0.09	-8.11	
7,301.00	1.19	218.59	7,288.53	115.82	-234.69	-110.59	0.21	0.15	-7.67	
7,395.00	1.32	219.64	7,382.51	114.22	-235.99	-108.96	0.14	0.14	1.12	
7,489.00	1.14	221.28	7,476.49	112.68	-237.30	-107.40	0.20	-0.19	1.74	
7,584.00	0.97	203.11	7,571.47	111.23	-238.24	-105.93	0.39	-0.18	-19.13	
7,678.00	1.14	203.43	7,665.46	109.64	-238.92	-104.32	0.18	0.18	0.34	
7,772.00	0.40	267.06	7,759.45	108.77	-239.62	-103.43	1.09	-0.79	67.69	
7,866.00	0.26	293.70	7,853.45	108.84	-240.14	-103.49	0.22	-0.15	28.34	
7,959.00	0.18	282.61	7,946.45	108.96	-240.48	-103.60	0.10	-0.09	-11.92	
8,053.00	0.26	282.19	8,040.45	109.03	-240.83	-103.67	0.09	0.09	-0.45	
8,148.00	0.31	273.99	8,135.45	109.10	-241.30	-103.72	0.07	0.05	-8.63	
8,242.00	1.05	291.30	8,229.44	109.43	-242.35	-104.03	0.81	0.79	18.41	
8,336.00	1.10	297.93	8,323.42	110.16	-243.95	-104.73	0.14	0.05	7.05	
8,429.00	1.01	257.73	8,416.41	110.41	-245.54	-104.94	0.78	-0.10	-43.23	
8,522.00	1.10	257.03	8,509.39	110.03	-247.21	-104.53	0.10	0.10	-0.75	
8,617.00	1.10	270.90	8,604.38	109.84	-249.02	-104.30	0.28	0.00	14.60	
8,711.00	0.44	316.87	8,698.37	110.12	-250.16	-104.55	0.91	-0.70	48.90	
8,805.00	0.66	15.88	8,792.36	110.90	-250.26	-105.33	0.61	0.23	62.78	
8,899.00	0.31	233.02	8,886.36	111.27	-250.32	-105.70	0.99	-0.37	-151.98	
8,993.00	0.48	76.75	8,980.36	111.21	-250.14	-105.64	0.82	0.18	-166.24	
9,087.00	1.10	93.85	9,074.35	111.24	-248.85	-105.69	0.70	0.66	18.19	
9,181.00	0.75	146.65	9,168.34	110.66	-247.62	-105.15	0.94	-0.37	56.17	

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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)
9,276.00	0.79	111.62	9,263.33	109.90	-246.66	-104.41	0.49	0.04	-36.87
9,370.00	0.88	54.77	9,357.32	110.08	-245.47	-104.61	0.85	0.10	-60.48
9,464.00	1.01	353.13	9,451.31	111.32	-244.98	-105.86	1.04	0.14	-65.57
9,559.00	1.45	264.83	9,546.30	112.04	-246.28	-106.56	1.83	0.46	-92.95
9,653.00	0.79	196.58	9,640.28	111.31	-247.65	-105.80	1.46	-0.70	-72.61
9,747.00	1.49	187.49	9,734.26	109.48	-247.99	-103.96	0.77	0.74	-9.67
9,841.00	0.97	191.70	9,828.24	107.49	-248.31	-101.96	0.56	-0.55	4.48
9,936.00	0.53	109.10	9,923.24	106.56	-248.06	-101.03	1.10	-0.46	-86.95
10,030.00	1.05	17.58	10,017.23	107.24	-247.39	-101.73	1.26	0.55	-97.36
10,125.00	2.64	10.03	10,112.18	110.22	-246.75	-104.73	1.69	1.67	-7.95
10,218.00	2.37	50.14	10,205.10	113.56	-244.90	-108.11	1.87	-0.29	43.13
10,313.00	2.42	38.45	10,300.01	116.39	-242.14	-111.00	0.52	0.05	-12.31
10,407.00	1.54	12.77	10,393.96	119.18	-240.63	-113.82	1.31	-0.94	-27.32
10,502.00	1.14	356.33	10,488.93	121.37	-240.41	-116.01	0.58	-0.42	-17.31
10,596.00	1.01	327.91	10,582.92	123.00	-240.91	-117.63	0.58	-0.14	-30.23
10,691.00	0.88	303.34	10,677.90	124.11	-241.96	-118.72	0.44	-0.14	-25.86
10,786.00	0.92	274.44	10,772.89	124.57	-243.33	-119.15	0.47	0.04	-30.42
10,880.00	1.01	261.30	10,866.88	124.51	-244.90	-119.05	0.25	0.10	-13.98
10,975.00	0.97	241.29	10,961.86	123.99	-246.44	-118.50	0.36	-0.04	-21.06
11,053.00	0.92	238.14	11,039.85	123.35	-247.55	-117.83	0.09	-0.06	-4.04
11,178.00	7.52	175.04	11,164.47	114.66	-247.69	-109.14	5.72	5.28	-50.48
11,223.00	13.78	171.74	11,208.67	106.41	-246.67	-100.92	13.97	13.91	-7.33
11,273.00	19.61	172.53	11,256.55	92.19	-244.72	-86.74	11.67	11.66	1.58
11,318.00	23.88	172.46	11,298.33	75.66	-242.54	-70.27	9.49	9.49	-0.16
11,367.00	27.78	171.27	11,342.43	54.53	-239.51	-49.21	8.03	7.96	-2.43
11,412.00	32.24	171.40	11,381.39	32.29	-236.12	-27.05	9.91	9.91	0.29
11,462.00	36.75	172.77	11,422.59	4.25	-232.24	0.90	9.15	9.02	2.74
11,507.00	39.70	175.30	11,457.94	-23.44	-229.37	28.52	7.42	6.56	5.62
11,557.00	42.84	176.38	11,495.51	-56.33	-226.98	61.34	6.44	6.28	2.16
11,602.00	46.22	176.48	11,527.59	-87.82	-225.02	92.79	7.51	7.51	0.22
11,650.00	49.35	176.08	11,559.84	-123.29	-222.71	128.20	6.55	6.52	-0.83
11,695.00	52.40	176.46	11,588.23	-158.12	-220.44	162.97	6.81	6.78	0.84
11,744.00	57.49	177.32	11,616.36	-198.16	-218.28	202.95	10.49	10.39	1.76
11,789.00	62.48	177.39	11,638.87	-237.07	-216.48	241.81	11.09	11.09	0.16
11,838.00	67.11	178.94	11,659.73	-281.37	-215.07	286.07	9.87	9.45	3.16
11,883.00	71.66	180.02	11,675.57	-323.48	-214.69	328.15	10.36	10.11	2.40
11,932.00	76.23	179.50	11,689.12	-370.55	-214.49	375.21	9.38	9.33	-1.06
12,011.00	86.75	176.09	11,700.79	-448.50	-211.46	453.08	13.98	13.32	-4.32
12,089.00	89.33	175.94	11,703.46	-526.26	-206.04	530.70	3.31	3.31	-0.19
12,183.00	89.79	178.53	11,704.18	-620.14	-201.51	624.45	2.80	0.49	2.76
12,277.00	89.72	178.50	11,704.58	-714.11	-199.07	718.34	0.08	-0.07	-0.03
12,371.00	89.57	178.81	11,705.17	-808.08	-196.87	812.24	0.37	-0.16	0.33
12,465.00	88.73	178.06	11,706.56	-902.03	-194.30	906.12	1.20	-0.89	-0.80

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	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)
12,559.00	89.78	180.11	11,707.78	-996.01	-192.80	1,000.04	2.45	1.12	2.18
12,653.00	89.67	179.85	11,708.24	-1,090.01	-192.77	1,094.01	0.30	-0.12	-0.28
12,747.00	88.96	180.35	11,709.36	-1,184.00	-192.93	1,187.98	0.92	-0.76	0.53
12,841.00	88.35	178.94	11,711.57	-1,277.97	-192.35	1,281.92	1.63	-0.65	-1.50
12,934.00	89.76	179.07	11,713.10	-1,370.94	-190.73	1,374.83	1.52	1.52	0.14
13,028.00	90.07	178.77	11,713.24	-1,464.92	-188.96	1,468.75	0.46	0.33	-0.32
13,122.00	90.34	178.73	11,712.90	-1,558.90	-186.91	1,562.66	0.29	0.29	-0.04
13,215.00	90.28	178.90	11,712.40	-1,651.88	-184.99	1,655.57	0.19	-0.06	0.18
13,310.00	90.73	179.19	11,711.56	-1,746.86	-183.41	1,750.50	0.56	0.47	0.31
13,403.00	90.42	178.53	11,710.63	-1,839.84	-181.56	1,843.41	0.78	-0.33	-0.71
13,496.00	89.75	177.96	11,710.49	-1,932.79	-178.71	1,936.28	0.95	-0.72	-0.61
13,590.00	90.28	180.09	11,710.47	-2,026.77	-177.11	2,030.20	2.34	0.56	2.27
13,684.00	89.20	179.23	11,710.89	-2,120.77	-176.55	2,124.16	1.47	-1.15	-0.91
13,777.00	89.65	179.71	11,711.83	-2,213.76	-175.69	2,217.11	0.71	0.48	0.52
13,871.00	90.83	180.33	11,711.43	-2,307.75	-175.72	2,311.08	1.42	1.26	0.66
13,966.00	90.67	180.97	11,710.19	-2,402.74	-176.80	2,406.07	0.69	-0.17	0.67
14,059.00	90.67	179.94	11,709.10	-2,495.73	-177.54	2,499.05	1.11	0.00	-1.11
14,152.00	89.29	179.47	11,709.13	-2,588.73	-177.06	2,592.01	1.57	-1.48	-0.51
14,246.00	89.34	179.61	11,710.26	-2,682.72	-176.31	2,685.96	0.16	0.05	0.15
14,340.00	88.89	179.77	11,711.71	-2,776.70	-175.80	2,779.92	0.51	-0.48	0.17
14,434.00	90.56	180.22	11,712.16	-2,870.70	-175.79	2,873.89	1.84	1.78	0.48
14,528.00	90.50	180.95	11,711.29	-2,964.69	-176.75	2,967.88	0.78	-0.06	0.78
14,622.00	90.70	180.77	11,710.31	-3,058.67	-178.16	3,061.87	0.29	0.21	-0.19
14,715.00	89.80	181.06	11,709.90	-3,151.66	-179.64	3,154.87	1.02	-0.97	0.31
14,809.00	88.54	180.55	11,711.26	-3,245.64	-180.96	3,248.85	1.45	-1.34	-0.54
14,903.00	90.01	180.54	11,712.45	-3,339.62	-181.86	3,342.83	1.56	1.56	-0.01
14,997.00	89.31	181.22	11,713.01	-3,433.61	-183.30	3,436.83	1.04	-0.74	0.72
15,091.00	89.72	181.62	11,713.81	-3,527.58	-185.63	3,530.82	0.61	0.44	0.43
15,184.00	90.76	181.88	11,713.42	-3,620.53	-188.47	3,623.82	1.15	1.12	0.28
15,278.00	90.83	182.21	11,712.11	-3,714.46	-191.83	3,717.80	0.36	0.07	0.35
15,372.00	88.81	181.54	11,712.41	-3,808.41	-194.90	3,811.79	2.26	-2.15	-0.71
15,466.00	88.80	182.80	11,714.37	-3,902.32	-198.46	3,905.76	1.34	-0.01	1.34
15,560.00	88.63	181.46	11,716.48	-3,996.23	-201.95	3,999.72	1.44	-0.18	-1.43
15,654.00	90.17	180.61	11,717.46	-4,090.20	-203.65	4,093.71	1.87	1.64	-0.90
15,748.00	89.65	181.57	11,717.61	-4,184.18	-205.44	4,187.71	1.16	-0.55	1.02
15,842.00	90.11	182.50	11,717.80	-4,278.12	-208.78	4,281.70	1.10	0.49	0.99
15,935.00	88.07	181.95	11,719.28	-4,371.04	-212.39	4,374.67	2.27	-2.19	-0.59
16,030.00	86.22	179.54	11,724.01	-4,465.90	-213.62	4,469.54	3.20	-1.95	-2.54
16,124.00	85.50	178.69	11,730.80	-4,559.64	-212.17	4,563.22	1.18	-0.77	-0.90
16,240.00	90.35	177.96	11,735.00	-4,675.48	-208.79	4,678.96	4.23	4.18	-0.63
16,335.00	92.66	178.24	11,732.50	-4,770.39	-205.64	4,773.77	2.45	2.43	0.29
16,428.00	91.89	177.35	11,728.81	-4,863.24	-202.06	4,866.53	1.26	-0.83	-0.96
16,522.00	90.60	177.52	11,726.77	-4,957.13	-197.86	4,960.29	1.38	-1.37	0.18
16,616.00	93.45	179.66	11,723.45	-5,051.02	-195.54	5,054.12	3.79	3.03	2.28

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	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)
16,710.00	92.44	179.78	11,718.62	-5,144.90	-195.08	5,147.96	1.08	-1.07	0.13
16,804.00	92.63	180.05	11,714.46	-5,238.80	-194.94	5,241.84	0.35	0.20	0.29
16,898.00	90.41	179.19	11,711.97	-5,332.76	-194.32	5,335.76	2.53	-2.36	-0.91
16,991.00	89.94	179.00	11,711.68	-5,425.75	-192.85	5,428.69	0.55	-0.51	-0.20
17,085.00	89.02	179.55	11,712.54	-5,519.74	-191.66	5,522.63	1.14	-0.98	0.59
17,180.00	88.25	179.79	11,714.80	-5,614.71	-191.12	5,617.56	0.85	-0.81	0.25
17,273.00	89.71	178.98	11,716.46	-5,707.68	-190.12	5,710.50	1.80	1.57	-0.87
17,367.00	89.65	179.06	11,716.98	-5,801.67	-188.51	5,804.42	0.11	-0.06	0.09
17,462.00	88.28	177.18	11,718.70	-5,896.60	-185.39	5,899.26	2.45	-1.44	-1.98
17,556.00	91.62	180.27	11,718.78	-5,990.55	-183.30	5,993.14	4.84	3.55	3.29
17,649.00	92.25	180.74	11,715.64	-6,083.49	-184.12	6,086.08	0.84	0.68	0.51
17,743.00	92.26	180.73	11,711.94	-6,177.41	-185.33	6,180.00	0.02	0.01	-0.01
17,837.00	92.63	180.81	11,707.93	-6,271.32	-186.59	6,273.91	0.40	0.39	0.09
17,931.00	92.93	181.06	11,703.37	-6,365.19	-188.12	6,367.80	0.42	0.32	0.27
18,025.00	93.04	180.31	11,698.48	-6,459.06	-189.24	6,461.67	0.81	0.12	-0.80
18,119.00	91.78	179.83	11,694.52	-6,552.97	-189.36	6,555.56	1.43	-1.34	-0.51
18,213.00	92.93	179.34	11,690.66	-6,646.89	-188.68	6,649.44	1.33	1.22	-0.52
18,307.00	89.51	179.83	11,688.66	-6,740.85	-188.00	6,743.36	3.68	-3.64	0.52
18,402.00	89.23	179.31	11,689.70	-6,835.84	-187.29	6,838.31	0.62	-0.29	-0.55
18,495.00	88.32	178.98	11,691.69	-6,928.81	-185.90	6,931.23	1.04	-0.98	-0.35
18,589.00	88.08	178.93	11,694.64	-7,022.75	-184.18	7,025.10	0.26	-0.26	-0.05
18,683.00	87.31	178.38	11,698.43	-7,116.64	-181.98	7,118.93	1.01	-0.82	-0.59
18,777.00	88.74	178.15	11,701.66	-7,210.54	-179.14	7,212.74	1.54	1.52	-0.24
18,870.00	88.54	178.53	11,703.87	-7,303.48	-176.44	7,305.59	0.46	-0.22	0.41
18,964.00	89.17	178.33	11,705.75	-7,397.42	-173.87	7,399.46	0.70	0.67	-0.21
19,058.00	87.59	177.94	11,708.41	-7,491.33	-170.81	7,493.28	1.73	-1.68	-0.41
19,151.00	88.33	178.69	11,711.72	-7,584.23	-168.08	7,586.09	1.13	0.80	0.81
19,245.00	87.04	178.48	11,715.52	-7,678.12	-165.76	7,679.91	1.39	-1.37	-0.22
19,339.00	86.08	178.47	11,721.16	-7,771.92	-163.26	7,773.63	1.02	-1.02	-0.01
19,399.00	85.19	178.70	11,725.72	-7,831.73	-161.78	7,833.39	1.53	-1.48	0.38
Last Survey - 19399.00' MD, 11725.72' TVD									
19,453.00	85.19	178.70	11,730.25	-7,885.52	-160.56	7,887.15	0.00	0.00	0.00
PTB									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
19,399.00	11,725.72	-7,831.73	-161.78	Last Survey - 19399.00' MD, 11725.72' TVD
19,453.00	11,730.25	-7,885.52	-160.56	PTB



Directional Survey Certification

Operator: XTO Energy Inc. API#: 30-015-45863

Well Name: Poker Lake Unit 25 BD #901H ST01

Well Surface Hole Location (SHL):

Latitude: 32° 6' 4.8691" N Datum: NAD27/NME County: Eddy

Longitude: 103° 50' 28.0455" W North Reference: Grid State: New Mexico

Rig Contractor & Rig No.: Nabors M7504 Location: Sec 25-T25S-R30E

GL Elevation: 3344.00 RKB: 3367.00

MWD Surveyed from: 10593.00 usft. to 19307.00 usft. MD

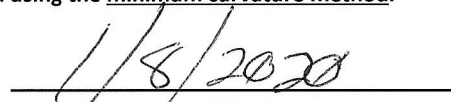
Survey Type: MWD Sensor to Bit Offset: 48 ft

MWD Surveyor Name: Ryan Mahoney

Start Dates: 12/12/19 Finish Dates: 12/22/19
(mm/dd/yyyy) (mm/dd/yyyy)

"The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by NEWSCO International Energy Services USA, Inc. I am authorized and qualified to review the data, calculations and this report and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using the minimum curvature method."


Signature


Date Signed
(mm/dd/yyyy)



XTO ENERGY INC.

EDDY CO., NM (NAD27)

Sec 25-T25S-R30E

Poker Lake Unit 25 BD #901H

ST01

Design: Surveys

Standard Survey Report

22 December, 2019



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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 #901H					
Well Position	+N/-S	0.00 usft	Northing:	400,943.20 usf	Latitude:	32° 6' 4.869 N
	+E/-W	0.00 usft	Easting:	652,415.10 usf	Longitude:	103° 50' 28.045 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usf	Ground Level:	3,344.00 usf

Wellbore	ST01				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/05/19	6.80	59.88	47,584.38

Design	Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	10,502.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	181.44	

Survey Program	Date	12/22/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
149.00	10,502.00	Survey #1 (Wellbore #1)	MWD	MWD - Standard	
10,593.00	19,355.00	Survey #1 (ST01)	MWD	MWD - Standard	

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	
149.00	0.48	269.32	149.00	-0.01	-0.62	0.02	0.32	0.32	0.00	
239.00	0.53	284.79	238.99	0.09	-1.40	-0.06	0.16	0.06	17.19	
331.00	0.62	278.38	330.99	0.28	-2.31	-0.22	0.12	0.10	-6.97	
422.00	0.53	288.22	421.99	0.48	-3.19	-0.40	0.15	-0.10	10.81	
517.00	0.57	238.91	516.98	0.37	-4.02	-0.27	0.48	0.04	-51.91	
608.00	0.62	221.51	607.98	-0.23	-4.73	0.35	0.21	0.05	-19.12	
699.00	1.05	257.28	698.97	-0.78	-5.87	0.93	0.72	0.47	39.31	
794.00	0.66	232.32	793.96	-1.31	-7.15	1.49	0.56	-0.41	-26.27	
888.00	0.75	179.67	887.95	-2.25	-7.58	2.44	0.67	0.10	-56.01	

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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)
983.00	0.57	131.86	982.95	-3.19	-7.22	3.37	0.59	-0.19	-50.33
1,070.00	0.62	149.26	1,069.94	-3.89	-6.66	4.05	0.21	0.06	20.00
1,157.00	0.66	135.82	1,156.94	-4.65	-6.07	4.80	0.18	0.05	-15.45
1,252.00	1.23	158.93	1,251.92	-5.99	-5.32	6.12	0.71	0.60	24.33
1,346.00	1.49	129.58	1,345.90	-7.71	-4.02	7.81	0.78	0.28	-31.22
1,441.00	2.07	74.56	1,440.86	-8.04	-1.41	8.08	1.81	0.61	-57.92
1,534.00	2.55	65.68	1,533.78	-6.74	2.09	6.69	0.64	0.52	-9.55
1,628.00	2.46	54.61	1,627.69	-4.71	5.64	4.57	0.52	-0.10	-11.78
1,722.00	1.27	56.28	1,721.64	-2.97	8.16	2.76	1.27	-1.27	1.78
1,817.00	0.97	39.14	1,816.62	-1.76	9.54	1.52	0.47	-0.32	-18.04
1,912.00	1.27	44.76	1,911.60	-0.39	10.79	0.12	0.34	0.32	5.92
2,007.00	0.57	16.29	2,006.59	0.81	11.66	-1.10	0.86	-0.74	-29.97
2,101.00	0.40	309.14	2,100.59	1.47	11.54	-1.76	0.59	-0.18	-71.44
2,195.00	0.18	331.02	2,194.59	1.80	11.21	-2.09	0.26	-0.23	23.28
2,290.00	0.53	350.09	2,289.59	2.37	11.06	-2.64	0.38	0.37	20.07
2,384.00	0.84	338.32	2,383.58	3.44	10.73	-3.70	0.36	0.33	-12.52
2,479.00	1.27	341.31	2,478.56	5.08	10.14	-5.33	0.46	0.45	3.15
2,573.00	1.54	307.12	2,572.54	6.83	8.80	-7.05	0.92	0.29	-36.37
2,667.00	2.29	280.66	2,666.48	7.94	5.95	-8.09	1.21	0.80	-28.15
2,762.00	1.23	302.19	2,761.44	8.83	3.22	-8.91	1.30	-1.12	22.66
2,856.00	0.57	16.90	2,855.43	9.82	2.50	-9.88	1.29	-0.70	79.48
2,950.00	0.40	97.94	2,949.43	10.22	2.96	-10.29	0.68	-0.18	86.21
3,044.00	0.88	141.27	3,043.42	9.61	3.74	-9.70	0.69	0.51	46.10
3,139.00	0.79	122.11	3,138.41	8.70	4.75	-8.81	0.31	-0.09	-20.17
3,233.00	1.01	124.22	3,232.40	7.89	5.98	-8.03	0.24	0.23	2.24
3,328.00	0.22	211.58	3,327.40	7.26	6.58	-7.42	1.08	-0.83	91.96
3,423.00	1.45	272.57	3,422.38	7.16	5.28	-7.29	1.43	1.29	64.20
3,517.00	3.52	288.83	3,516.29	8.14	1.36	-8.17	2.30	2.20	17.30
3,612.00	5.63	294.90	3,610.98	11.05	-5.62	-10.90	2.28	2.22	6.39
3,706.00	5.67	292.88	3,704.53	14.79	-14.08	-14.43	0.22	0.04	-2.15
3,801.00	4.97	285.76	3,799.12	17.73	-22.37	-17.17	1.01	-0.74	-7.49
3,896.00	5.01	284.70	3,893.76	19.91	-30.34	-19.14	0.11	0.04	-1.12
4,086.00	4.88	280.91	4,083.05	23.54	-46.30	-22.37	0.19	-0.07	-1.99
4,180.00	4.79	290.42	4,176.72	25.67	-53.91	-24.31	0.86	-0.10	10.12
4,274.00	5.45	302.06	4,270.35	29.41	-61.37	-27.86	1.31	0.70	12.38
4,369.00	5.49	303.30	4,364.91	34.29	-68.99	-32.55	0.13	0.04	1.31
4,464.00	5.05	304.36	4,459.51	39.15	-76.24	-37.23	0.47	-0.46	1.12
4,559.00	4.57	301.81	4,554.18	43.50	-82.91	-41.41	0.55	-0.51	-2.68
4,653.00	4.48	309.03	4,647.88	47.79	-88.94	-45.55	0.61	-0.10	7.68
4,747.00	5.49	312.83	4,741.53	53.16	-95.09	-50.76	1.13	1.07	4.04
4,841.00	5.67	310.50	4,835.08	59.23	-101.92	-56.66	0.31	0.19	-2.48
4,936.00	5.45	310.72	4,929.64	65.22	-108.91	-62.47	0.23	-0.23	0.23
5,031.00	5.93	305.80	5,024.17	71.04	-116.31	-68.10	0.72	0.51	-5.18

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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)	
5,125.00	6.24	307.31	5,117.64	76.97	-124.31	-73.83	0.37	0.33	1.61	
5,220.00	6.11	306.57	5,212.09	83.12	-132.48	-79.77	0.16	-0.14	-0.78	
5,315.00	6.64	300.11	5,306.50	88.88	-141.29	-85.31	0.94	0.56	-6.80	
5,409.00	6.81	299.06	5,399.85	94.32	-150.86	-90.50	0.22	0.18	-1.12	
5,504.00	6.33	300.49	5,494.23	99.71	-160.30	-95.66	0.53	-0.51	1.51	
5,599.00	5.85	294.57	5,588.69	104.38	-169.21	-100.11	0.83	-0.51	-6.23	
5,693.00	5.27	290.90	5,682.25	107.91	-177.60	-103.43	0.72	-0.62	-3.90	
5,788.00	5.01	290.61	5,776.87	110.93	-185.56	-106.24	0.28	-0.27	-0.31	
5,883.00	4.75	288.60	5,871.53	113.64	-193.17	-108.77	0.33	-0.27	-2.12	
5,978.00	4.66	287.68	5,966.21	116.07	-200.58	-111.01	0.12	-0.09	-0.97	
6,072.00	3.08	283.58	6,059.99	117.82	-206.67	-112.60	1.71	-1.68	-4.36	
6,167.00	2.37	287.41	6,154.88	119.01	-211.02	-113.68	0.77	-0.75	4.03	
6,262.00	2.24	286.96	6,249.80	120.14	-214.67	-114.72	0.14	-0.14	-0.47	
6,356.00	2.29	283.51	6,343.73	121.11	-218.26	-115.60	0.15	0.05	-3.67	
6,450.00	1.71	279.09	6,437.67	121.77	-221.47	-116.18	0.64	-0.62	-4.70	
6,545.00	1.01	261.06	6,532.65	121.87	-223.70	-116.22	0.85	-0.74	-18.98	
6,639.00	1.01	262.45	6,626.63	121.63	-225.34	-115.94	0.03	0.00	1.48	
6,734.00	0.88	249.11	6,721.62	121.26	-226.85	-115.54	0.27	-0.14	-14.04	
6,829.00	0.88	247.90	6,816.61	120.72	-228.20	-114.97	0.02	0.00	-1.27	
6,924.00	1.05	239.73	6,911.59	120.01	-229.63	-114.22	0.23	0.18	-8.60	
7,018.00	0.88	234.58	7,005.58	119.16	-230.96	-113.33	0.20	-0.18	-5.48	
7,112.00	0.97	233.50	7,099.57	118.27	-232.19	-112.41	0.10	0.10	-1.15	
7,206.00	1.05	225.88	7,193.55	117.19	-233.45	-111.31	0.17	0.09	-8.11	
7,301.00	1.19	218.59	7,288.53	115.82	-234.69	-109.90	0.21	0.15	-7.67	
7,395.00	1.32	219.64	7,382.51	114.22	-235.99	-108.27	0.14	0.14	1.12	
7,489.00	1.14	221.28	7,476.49	112.68	-237.30	-106.70	0.20	-0.19	1.74	
7,584.00	0.97	203.11	7,571.47	111.23	-238.24	-105.23	0.39	-0.18	-19.13	
7,678.00	1.14	203.43	7,665.46	109.64	-238.92	-103.62	0.18	0.18	0.34	
7,772.00	0.40	267.06	7,759.45	108.77	-239.62	-102.73	1.09	-0.79	67.69	
7,866.00	0.26	293.70	7,853.45	108.84	-240.14	-102.79	0.22	-0.15	28.34	
7,959.00	0.18	282.61	7,946.45	108.96	-240.48	-102.89	0.10	-0.09	-11.92	
8,053.00	0.26	282.19	8,040.45	109.03	-240.83	-102.96	0.09	0.09	-0.45	
8,148.00	0.31	273.99	8,135.45	109.10	-241.30	-103.01	0.07	0.05	-8.63	
8,242.00	1.05	291.30	8,229.44	109.43	-242.35	-103.32	0.81	0.79	18.41	
8,336.00	1.10	297.93	8,323.42	110.16	-243.95	-104.01	0.14	0.05	7.05	
8,429.00	1.01	257.73	8,416.41	110.41	-245.54	-104.22	0.78	-0.10	-43.23	
8,522.00	1.10	257.03	8,509.39	110.03	-247.21	-103.80	0.10	0.10	-0.75	
8,617.00	1.10	270.90	8,604.38	109.84	-249.02	-103.56	0.28	0.00	14.60	
8,711.00	0.44	316.87	8,698.37	110.12	-250.16	-103.81	0.91	-0.70	48.90	
8,805.00	0.66	15.88	8,792.36	110.90	-250.26	-104.60	0.61	0.23	62.78	
8,899.00	0.31	233.02	8,886.36	111.27	-250.32	-104.96	0.99	-0.37	-151.98	
8,993.00	0.48	76.75	8,980.36	111.21	-250.14	-104.90	0.82	0.18	-166.24	
9,087.00	1.10	93.85	9,074.35	111.24	-248.85	-104.97	0.70	0.66	18.19	

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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)
9,181.00	0.75	146.65	9,168.34	110.66	-247.62	-104.42	0.94	-0.37	56.17
9,276.00	0.79	111.62	9,263.33	109.90	-246.66	-103.69	0.49	0.04	-36.87
9,370.00	0.88	54.77	9,357.32	110.08	-245.47	-103.89	0.85	0.10	-60.48
9,464.00	1.01	353.13	9,451.31	111.32	-244.98	-105.14	1.04	0.14	-65.57
9,559.00	1.45	264.83	9,546.30	112.04	-246.28	-105.83	1.83	0.46	-92.95
9,653.00	0.79	196.58	9,640.28	111.31	-247.65	-105.07	1.46	-0.70	-72.61
9,747.00	1.49	187.49	9,734.26	109.48	-247.99	-103.23	0.77	0.74	-9.67
9,841.00	0.97	191.70	9,828.24	107.49	-248.31	-101.23	0.56	-0.55	4.48
9,936.00	0.53	109.10	9,923.24	106.56	-248.06	-100.31	1.10	-0.46	-86.95
10,030.00	1.05	17.58	10,017.23	107.24	-247.39	-101.00	1.26	0.55	-97.36
10,125.00	2.64	10.03	10,112.18	110.22	-246.75	-104.00	1.69	1.67	-7.95
10,218.00	2.37	50.14	10,205.10	113.56	-244.90	-107.39	1.87	-0.29	43.13
10,313.00	2.42	38.45	10,300.01	116.39	-242.14	-110.29	0.52	0.05	-12.31
10,407.00	1.54	12.77	10,393.96	119.18	-240.63	-113.11	1.31	-0.94	-27.32
10,502.00	1.14	356.33	10,488.93	121.37	-240.41	-115.30	0.58	-0.42	-17.31
10,593.00	3.69	177.10	10,579.88	119.35	-240.32	-113.28	5.31	2.80	-196.96
10,688.00	3.43	171.38	10,674.70	113.48	-239.74	-107.44	0.46	-0.27	-6.02
10,782.00	2.68	169.27	10,768.56	108.54	-238.91	-102.52	0.81	-0.80	-2.24
10,876.00	2.95	177.27	10,862.45	103.97	-238.38	-97.96	0.51	0.29	8.51
10,970.00	2.95	177.89	10,956.33	99.13	-238.18	-93.13	0.03	0.00	0.66
11,023.00	2.99	174.37	11,009.26	96.40	-237.99	-90.40	0.35	0.08	-6.64
11,064.00	3.09	170.16	11,050.20	94.24	-237.70	-88.26	0.60	0.24	-10.27
11,158.00	14.26	170.93	11,142.98	80.27	-235.43	-74.34	11.88	11.88	0.82
11,253.00	25.93	173.18	11,232.04	47.98	-231.11	-42.17	12.31	12.28	2.37
11,347.00	34.02	175.10	11,313.40	1.30	-226.41	4.38	8.67	8.61	2.04
11,441.00	41.11	175.75	11,387.86	-55.79	-221.87	61.34	7.55	7.54	0.69
11,534.00	46.63	175.59	11,454.88	-120.04	-217.00	125.44	5.94	5.94	-0.17
11,629.00	53.32	175.28	11,515.95	-192.51	-211.21	197.74	7.05	7.04	-0.33
11,723.00	62.62	175.20	11,565.74	-271.84	-204.60	276.88	9.89	9.89	-0.09
11,816.00	72.63	175.72	11,601.10	-357.46	-197.81	362.31	10.78	10.76	0.56
11,910.00	81.65	177.54	11,622.00	-448.85	-192.46	453.53	9.78	9.60	1.94
12,004.00	89.47	176.99	11,629.27	-542.38	-187.99	546.93	8.34	8.32	-0.59
12,114.00	90.73	178.94	11,629.08	-652.31	-184.08	656.72	2.11	1.15	1.77
12,208.00	90.49	178.98	11,628.08	-746.29	-182.37	750.62	0.26	-0.26	0.04
12,303.00	91.88	181.93	11,626.12	-841.25	-183.13	845.58	3.43	1.46	3.11
12,396.00	93.00	181.51	11,622.16	-934.12	-185.92	938.49	1.29	1.20	-0.45
12,491.00	90.55	180.97	11,619.22	-1,029.05	-187.97	1,033.44	2.64	-2.58	-0.57
12,585.00	90.42	180.93	11,618.42	-1,123.03	-189.53	1,127.43	0.14	-0.14	-0.04
12,679.00	87.87	180.17	11,619.82	-1,217.01	-190.43	1,221.40	2.83	-2.71	-0.81
12,772.00	87.13	179.51	11,623.88	-1,309.92	-190.17	1,314.27	1.07	-0.80	-0.71
12,866.00	88.71	178.90	11,627.29	-1,403.84	-188.87	1,408.14	1.80	1.68	-0.65
12,960.00	89.26	178.78	11,628.96	-1,497.81	-186.97	1,502.02	0.60	0.59	-0.13
13,054.00	90.39	178.46	11,629.24	-1,591.78	-184.70	1,595.91	1.25	1.20	-0.34
13,148.00	89.73	178.35	11,629.14	-1,685.74	-182.09	1,689.78	0.71	-0.70	-0.12

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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)
13,241.00	92.30	179.67	11,627.50	-1,778.70	-180.48	1,782.67	3.11	2.76	1.42
13,335.00	92.90	178.87	11,623.23	-1,872.60	-179.28	1,876.50	1.06	0.64	-0.85
13,429.00	92.09	178.42	11,619.14	-1,966.48	-177.06	1,970.30	0.99	-0.86	-0.48
13,522.00	92.96	182.11	11,615.04	-2,059.37	-177.49	2,063.18	4.07	0.94	3.97
13,616.00	93.14	181.32	11,610.04	-2,153.20	-180.30	2,157.04	0.86	0.19	-0.84
13,709.00	90.52	180.78	11,607.07	-2,246.13	-182.00	2,249.98	2.88	-2.82	-0.58
13,803.00	90.80	181.32	11,605.99	-2,340.10	-183.73	2,343.97	0.65	0.30	0.57
13,897.00	90.13	181.46	11,605.23	-2,434.07	-186.01	2,437.97	0.73	-0.71	0.15
13,991.00	90.95	181.91	11,604.34	-2,528.03	-188.77	2,531.96	1.00	0.87	0.48
14,084.00	90.08	181.70	11,603.50	-2,620.98	-191.70	2,624.96	0.96	-0.94	-0.23
14,178.00	88.82	182.73	11,604.41	-2,714.90	-195.33	2,718.94	1.73	-1.34	1.10
14,271.00	89.03	180.87	11,606.15	-2,807.83	-198.25	2,811.92	2.01	0.23	-2.00
14,365.00	87.54	181.25	11,608.96	-2,901.77	-199.99	2,905.87	1.64	-1.59	0.40
14,460.00	88.35	178.17	11,612.37	-2,996.70	-199.51	3,000.76	3.35	0.85	-3.24
14,553.00	88.59	177.63	11,614.85	-3,089.60	-196.10	3,093.54	0.64	0.26	-0.58
14,647.00	88.71	177.63	11,617.07	-3,183.49	-192.22	3,187.31	0.13	0.13	0.00
14,741.00	89.93	177.32	11,618.18	-3,277.39	-188.08	3,281.08	1.34	1.30	-0.33
14,835.00	91.50	177.01	11,617.01	-3,371.27	-183.43	3,374.81	1.70	1.67	-0.33
14,928.00	92.14	176.80	11,614.06	-3,464.09	-178.41	3,467.47	0.72	0.69	-0.23
15,023.00	89.44	178.95	11,612.75	-3,559.00	-174.89	3,562.26	3.63	-2.84	2.26
15,116.00	91.01	180.32	11,612.38	-3,651.99	-174.29	3,655.21	2.24	1.69	1.47
15,210.00	92.33	181.50	11,609.64	-3,745.93	-175.79	3,749.16	1.88	1.40	1.26
15,303.00	92.69	182.51	11,605.57	-3,838.79	-179.04	3,842.07	1.15	0.39	1.09
15,397.00	92.16	182.49	11,601.59	-3,932.61	-183.13	3,935.97	0.56	-0.56	-0.02
15,491.00	91.76	181.75	11,598.38	-4,026.49	-186.61	4,029.90	0.89	-0.43	-0.79
15,586.00	88.65	180.46	11,598.04	-4,121.46	-188.44	4,124.89	3.54	-3.27	-1.36
15,679.00	85.92	180.35	11,602.44	-4,214.34	-189.10	4,217.76	2.94	-2.94	-0.12
15,773.00	86.74	179.70	11,608.46	-4,308.15	-189.14	4,311.54	1.11	0.87	-0.69
15,867.00	84.88	179.96	11,615.33	-4,401.89	-188.86	4,405.25	2.00	-1.98	0.28
15,961.00	88.82	179.68	11,620.49	-4,495.73	-188.56	4,499.05	4.20	4.19	-0.30
16,055.00	90.74	179.02	11,620.85	-4,589.72	-187.50	4,592.98	2.16	2.04	-0.70
16,149.00	92.35	179.60	11,618.32	-4,683.68	-186.37	4,686.88	1.82	1.71	0.62
16,243.00	92.03	179.18	11,614.73	-4,777.60	-185.37	4,780.75	0.56	-0.34	-0.45
16,337.00	91.93	178.83	11,611.48	-4,871.53	-183.73	4,874.61	0.39	-0.11	-0.37
16,431.00	91.53	178.31	11,608.64	-4,965.46	-181.39	4,968.45	0.70	-0.43	-0.55
16,525.00	91.05	177.42	11,606.52	-5,059.37	-177.89	5,062.24	1.08	-0.51	-0.95
16,619.00	91.83	179.04	11,604.16	-5,153.29	-174.99	5,156.06	1.91	0.83	1.72
16,713.00	90.48	178.36	11,602.27	-5,247.25	-172.85	5,249.93	1.61	-1.44	-0.72
16,806.00	90.43	179.00	11,601.53	-5,340.22	-170.71	5,342.82	0.69	-0.05	0.69
16,900.00	91.37	179.19	11,600.05	-5,434.19	-169.23	5,436.73	1.02	1.00	0.20
16,993.00	91.13	179.13	11,598.02	-5,527.16	-167.86	5,529.63	0.27	-0.26	-0.06
17,088.00	89.93	178.22	11,597.15	-5,622.13	-165.67	5,624.51	1.59	-1.26	-0.96
17,183.00	88.89	177.47	11,598.12	-5,717.05	-162.10	5,719.32	1.35	-1.09	-0.79

Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well Poker Lake Unit 25 BD #901H
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 #901H	North Reference:	Grid
Wellbore:	ST01	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)	
17,276.00	90.55	178.69	11,598.58	-5,810.00	-158.98	5,812.16	2.22	1.78	1.31	
17,370.00	91.25	180.45	11,597.10	-5,903.98	-158.27	5,906.09	2.01	0.74	1.87	
17,464.00	90.20	180.01	11,595.91	-5,997.97	-158.65	6,000.06	1.21	-1.12	-0.47	
17,558.00	89.33	179.40	11,596.30	-6,091.96	-158.17	6,094.01	1.13	-0.93	-0.65	
17,652.00	90.49	180.53	11,596.45	-6,185.96	-158.11	6,187.98	1.72	1.23	1.20	
17,746.00	90.52	180.48	11,595.62	-6,279.95	-158.94	6,281.96	0.06	0.03	-0.05	
17,840.00	89.80	179.99	11,595.35	-6,373.95	-159.32	6,375.94	0.93	-0.77	-0.52	
17,934.00	92.27	183.09	11,593.66	-6,467.88	-161.85	6,469.91	4.22	2.63	3.30	
18,028.00	91.86	182.84	11,590.27	-6,561.70	-166.71	6,563.81	0.51	-0.44	-0.27	
18,122.00	90.85	182.37	11,588.05	-6,655.57	-170.98	6,657.77	1.19	-1.07	-0.50	
18,216.00	92.41	182.78	11,585.37	-6,749.44	-175.20	6,751.71	1.72	1.66	0.44	
18,310.00	93.53	182.24	11,580.50	-6,843.22	-179.31	6,845.56	1.32	1.19	-0.57	
18,405.00	92.93	181.86	11,575.15	-6,938.01	-182.70	6,940.40	0.75	-0.63	-0.40	
18,498.00	90.59	181.11	11,572.29	-7,030.92	-185.11	7,033.35	2.64	-2.52	-0.81	
18,592.00	89.23	182.75	11,572.44	-7,124.86	-188.28	7,127.34	2.27	-1.45	1.74	
18,686.00	88.53	182.35	11,574.28	-7,218.75	-192.46	7,221.31	0.86	-0.74	-0.43	
18,780.00	90.06	185.17	11,575.43	-7,312.53	-198.62	7,315.21	3.41	1.63	3.00	
18,873.00	89.08	183.32	11,576.13	-7,405.27	-205.51	7,408.09	2.25	-1.05	-1.99	
18,967.00	90.07	177.93	11,576.83	-7,499.22	-206.53	7,502.04	5.83	1.05	-5.73	
19,060.00	91.65	178.87	11,575.43	-7,592.17	-203.93	7,594.90	1.98	1.70	1.01	
19,154.00	91.61	178.60	11,572.76	-7,686.11	-201.86	7,688.76	0.29	-0.04	-0.29	
19,248.00	92.05	179.49	11,569.76	-7,780.05	-200.29	7,782.63	1.06	0.47	0.95	
19,307.00	90.69	178.32	11,568.35	-7,839.02	-199.17	7,841.55	3.04	-2.31	-1.98	
Last Survey - 19307.00' MD, 11568.35' TVD										
19,355.00	90.69	178.32	11,567.77	-7,887.00	-197.76	7,889.47	0.00	0.00	0.00	
PTB										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
19,307.00	11,568.35	-7,839.02	-199.17	Last Survey - 19307.00' MD, 11568.35' TVD	
19,355.00	11,567.77	-7,887.00	-197.76	PTB	