

District I
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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
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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

NMOCD-REC'D: 8/26/2020 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 30-015-44394	² Pool Code 96526	³ Pool Name Forty Niner Bone Spring West
⁴ Property Code 317788	⁵ Property Name REMUDA SOUTH 25 STATE	⁶ Well Number 908H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,095'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	25	23 S	29 E		2,280	NORTH	645	EAST	EDDY

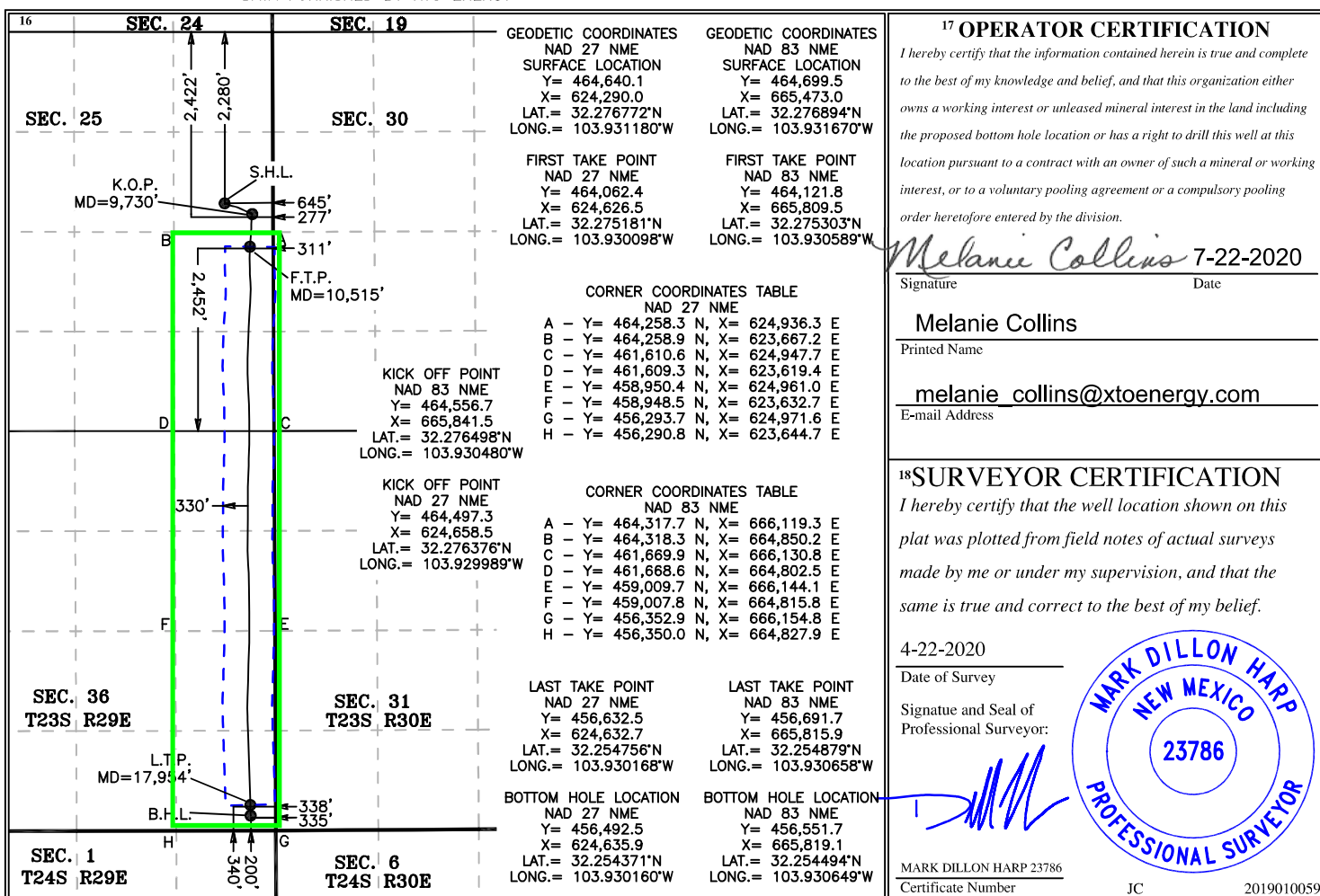
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	23 S	29 E		200	SOUTH	335	EAST	EDDY

¹² Dedicated Acres 240	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



10/6/2020 - JAG

Intent ☐ As Drilled ☒

API # 30-015-44394			
Operator Name: XTO Energy, Inc.		Property Name: Remuda South 25 State	Well Number 908H

Kick Off Point (KOP)

UL H	Section 25	Township 23S	Range 29E	Lot	Feet 2422	From N/S North	Feet 277	From E/W East	County Eddy
Latitude 32.276498					Longitude 103.930480				NAD 83

First Take Point (FTP)

UL I	Section 25	Township 23S	Range 29E	Lot	Feet 2452	From N/S South	Feet 311	From E/W East	County Eddy
Latitude 32.275303					Longitude 103.930589				NAD 83

Last Take Point (LTP)

UL P	Section 36	Township 23S	Range 29E	Lot	Feet 340	From N/S South	Feet 338	From E/W East	County Eddy
Latitude 32.254879					Longitude 103.930658				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ Yes

Is this well an infill well? ☐ No

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 County, NM

Sec 25, T23S, R29E

Remuda South 25 State 908H

Wellbore #1

Design: Wellbore #1

QES Survey Certification Report

06 November, 2019



Quintana Energy Services

11390 FM 830
Willis, TX 77318
Phone: (936) 856-4332
Fax: (936) 856-8678



Survey Certification Sheet

Company	Job Number	Date
XTO Energy, Inc	WT-191522	11/6/2019

Lease	Well Name	County & State
Sec 25, T23S, R29E	Remuda South 25 State 908H	Eddy, New Mexico

API No.	Survey Depth Range	Survey Type
30-015-44394	151 feet to 18094 feet MD	MWD

Sidetrack Information	Directional Supervisor/Surveyor
Click here to enter text.	Jeffrey Newton

Certification Statement

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Quintana Energy Services (QES). This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Kristopher Ray
Regulatory Compliance Manager
Quintana Energy Services



Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Remuda South 25 State 908H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	MD Reference:	RKB @ 3118.0usft (Nabors M7507)
Well:	Remuda South 25 State 908H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Sec 25, T23S, R29E			
Site Position:		Northing:	464,639.90 usft	Latitude:	32° 16' 36.381 N
From:	Map	Easting:	624,200.00 usft	Longitude:	103° 55' 53.295 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.21 °

Well	Remuda South 25 State 908H					
Well Position	+N/-S	0.0 usft	Northing:	464,640.10 usft	Latitude:	32° 16' 36.379 N
	+E/-W	0.0 usft	Easting:	624,290.00 usft	Longitude:	103° 55' 52.247 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,095.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	10/12/2019	6.92	60.00	47,887.90000000

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	177.53	

Survey Program	Date	11/6/2019			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
151.0	18,094.0	QES MWD Surveys (Wellbore #1)	MWD	OWSG MWD - Standard	

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00
151.0	0.79	210.62	151.0	-0.9	-0.5	1.0	210.62	
First MWD Survey @ 151.0' MD / 151.0' TVD								
216.0	1.06	204.64	216.0	-1.8	-1.0	2.1	208.90	
303.0	0.88	138.55	303.0	-3.1	-0.9	3.2	196.43	
335.0	0.70	144.87	335.0	-3.4	-0.6	3.5	190.44	
424.0	1.06	169.84	424.0	-4.7	-0.2	4.7	182.08	
515.0	1.14	166.14	514.9	-6.4	0.2	6.4	178.24	
606.0	1.14	157.71	605.9	-8.1	0.8	8.1	174.65	
696.0	1.32	161.92	695.9	-9.9	1.4	10.0	171.85	
788.0	0.88	147.69	787.9	-11.5	2.1	11.7	169.54	
882.0	0.62	99.52	881.9	-12.2	3.0	12.6	166.13	

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Site:	Sec 25, T23S, R29E	MD Reference:	RKB @ 3118.0usft (Nabors M7507)
Well:	Remuda South 25 State 908H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
977.0	0.70	103.92	976.9	-12.4	4.1	13.1	161.81	
1,072.0	1.14	62.61	1,071.9	-12.1	5.5	13.3	155.66	
1,167.0	1.32	53.12	1,166.8	-11.0	7.2	13.2	146.88	
1,261.0	1.41	55.40	1,260.8	-9.7	9.0	13.3	137.17	
1,356.0	1.41	61.20	1,355.8	-8.5	11.0	13.9	127.69	
1,450.0	1.49	57.69	1,449.8	-7.3	13.0	14.9	119.19	
1,546.0	1.41	58.39	1,545.7	-6.0	15.1	16.3	111.67	
1,641.0	1.49	65.77	1,640.7	-4.9	17.2	17.9	105.83	
1,735.0	1.49	64.37	1,734.7	-3.9	19.4	19.8	101.21	
1,829.0	0.97	59.09	1,828.6	-2.9	21.2	21.4	97.82	
1,924.0	0.35	6.53	1,923.6	-2.2	22.0	22.1	95.76	
2,019.0	0.44	5.66	2,018.6	-1.6	22.0	22.1	94.06	
2,111.0	0.53	1.44	2,110.6	-0.8	22.1	22.1	92.04	
2,204.0	0.62	358.10	2,203.6	0.1	22.1	22.1	89.62	
2,299.0	0.79	351.42	2,298.6	1.3	21.9	22.0	86.59	
2,394.0	1.14	315.91	2,393.6	2.6	21.2	21.4	82.92	
2,489.0	0.79	330.15	2,488.6	3.9	20.2	20.6	79.13	
2,583.0	1.32	115.52	2,582.6	4.0	20.9	21.2	79.21	
2,678.0	3.34	120.26	2,677.5	2.1	24.2	24.3	85.03	
2,773.0	4.66	118.68	2,772.3	-1.1	30.0	30.0	92.17	
2,867.0	5.36	119.56	2,865.9	-5.1	37.2	37.5	97.86	
2,962.0	5.63	122.55	2,960.5	-9.8	45.0	46.0	102.33	
3,056.0	5.80	123.96	3,054.0	-15.0	52.8	54.9	105.82	
3,167.0	5.98	123.25	3,164.4	-21.3	62.3	65.8	108.85	
3,263.0	5.98	123.60	3,259.9	-26.8	70.6	75.5	110.76	
3,358.0	5.63	116.75	3,354.4	-31.6	78.9	85.0	111.83	
3,452.0	6.07	101.46	3,447.9	-34.7	87.9	94.5	111.53	
3,547.0	6.42	99.70	3,542.4	-36.6	98.1	104.7	110.45	
3,642.0	6.77	99.35	3,636.7	-38.4	108.8	115.4	109.42	
3,735.0	6.86	100.93	3,729.1	-40.3	119.7	126.3	108.62	
3,829.0	7.03	101.28	3,822.4	-42.5	130.8	137.6	108.00	
3,924.0	7.30	100.40	3,916.6	-44.7	142.5	149.3	107.43	
4,018.0	7.39	101.46	4,009.9	-47.0	154.3	161.3	106.95	
4,112.0	7.74	114.29	4,103.1	-50.8	166.0	173.6	107.02	
4,206.0	7.74	113.06	4,196.2	-55.9	177.6	186.2	107.48	
4,301.0	7.83	114.11	4,290.3	-61.1	189.4	199.0	107.87	
4,394.0	7.91	114.99	4,382.5	-66.3	200.9	211.6	108.27	
4,489.0	8.18	114.64	4,476.5	-71.9	213.0	224.8	108.66	
4,583.0	8.35	114.99	4,569.5	-77.6	225.3	238.3	109.01	
4,677.0	8.53	115.34	4,662.5	-83.5	237.8	252.0	109.34	
4,771.0	8.35	115.34	4,755.5	-89.4	250.2	265.7	109.65	
4,865.0	8.35	115.52	4,848.5	-95.2	262.6	279.3	109.94	
4,959.0	8.18	115.87	4,941.5	-101.1	274.7	292.7	110.20	
5,053.0	5.98	116.57	5,034.8	-106.2	285.1	304.3	110.43	



QES
QES Survey Certification Report



Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Remuda South 25 State 908H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	MD Reference:	RKB @ 3118.0usft (Nabors M7507)
Well:	Remuda South 25 State 908H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
5,148.0	4.75	106.38	5,129.4	-109.5	293.3	313.1	110.47	
5,243.0	4.92	107.43	5,224.1	-111.8	301.0	321.1	110.38	
5,337.0	4.84	103.92	5,317.7	-114.0	308.7	329.1	110.27	
5,431.0	3.17	105.15	5,411.5	-115.6	315.0	335.6	110.16	
5,525.0	3.25	105.15	5,505.3	-117.0	320.1	340.8	110.08	
5,618.0	3.17	104.44	5,598.2	-118.3	325.2	346.0	110.00	
5,712.0	2.99	103.57	5,692.1	-119.6	330.1	351.1	109.91	
5,807.0	2.90	102.69	5,786.9	-120.7	334.8	355.9	109.82	
5,900.0	3.17	108.84	5,879.8	-122.0	339.5	360.8	109.77	
5,994.0	4.31	125.54	5,973.6	-124.9	344.9	366.8	109.91	
6,088.0	3.78	126.77	6,067.4	-128.8	350.2	373.2	110.20	
6,182.0	2.29	121.14	6,161.2	-131.7	354.3	378.0	110.38	
6,275.0	1.76	116.05	6,254.2	-133.2	357.2	381.2	110.46	
6,369.0	1.14	125.71	6,348.1	-134.4	359.3	383.6	110.51	
6,463.0	0.44	197.08	6,442.1	-135.3	359.9	384.5	110.60	
6,557.0	0.62	180.73	6,536.1	-136.2	359.8	384.7	110.73	
6,651.0	0.62	178.45	6,630.1	-137.2	359.8	385.1	110.87	
6,746.0	0.79	170.01	6,725.1	-138.3	359.9	385.6	111.02	
6,840.0	0.88	161.57	6,819.1	-139.7	360.3	386.4	111.19	
6,934.0	0.18	252.63	6,913.1	-140.4	360.4	386.7	111.29	
7,029.0	1.23	318.55	7,008.1	-139.7	359.5	385.7	111.23	
7,124.0	1.14	312.04	7,103.1	-138.3	358.2	383.9	111.11	
7,219.0	1.49	311.69	7,198.1	-136.8	356.5	381.9	110.99	
7,313.0	1.32	310.11	7,292.0	-135.3	354.8	379.7	110.88	
7,407.0	1.41	305.36	7,386.0	-133.9	353.0	377.6	110.78	
7,502.0	1.85	299.91	7,481.0	-132.5	350.7	374.9	110.70	
7,597.0	2.29	303.43	7,575.9	-130.7	347.8	371.6	110.59	
7,691.0	2.46	291.48	7,669.8	-128.9	344.4	367.7	110.52	
7,785.0	2.46	251.05	7,763.7	-128.8	340.6	364.2	110.72	
7,879.0	1.93	205.17	7,857.7	-130.9	338.0	362.5	111.17	
7,974.0	2.02	214.31	7,952.6	-133.8	336.4	362.0	111.68	
8,069.0	0.53	235.05	8,047.6	-135.4	335.1	361.4	112.00	
8,164.0	1.32	52.41	8,142.6	-135.0	335.6	361.7	111.91	
8,259.0	1.49	59.80	8,237.6	-133.7	337.5	363.0	111.61	
8,353.0	1.32	55.40	8,331.5	-132.5	339.5	364.4	111.31	
8,448.0	1.41	52.41	8,426.5	-131.1	341.3	365.6	111.02	
8,542.0	1.49	56.28	8,520.5	-129.7	343.2	366.9	110.71	
8,634.0	2.64	97.76	8,612.4	-129.4	346.3	369.7	110.48	
8,728.0	3.34	114.99	8,706.3	-130.8	351.0	374.5	110.44	
8,822.0	3.87	123.08	8,800.1	-133.7	356.1	380.4	110.58	
8,917.0	2.46	128.00	8,895.0	-136.7	360.4	385.5	110.77	
9,011.0	1.23	119.03	8,988.9	-138.4	362.9	388.4	110.88	
9,104.0	0.44	78.08	9,081.9	-138.8	364.1	389.7	110.87	
9,198.0	0.70	2.14	9,175.9	-138.2	364.5	389.8	110.77	
9,292.0	0.88	0.03	9,269.9	-136.9	364.5	389.3	110.59	

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Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
9,385.0	0.53	28.33	9,362.9	-135.8	364.7	389.2	110.42	
9,424.0	0.53	46.96	9,401.9	-135.5	364.9	389.3	110.37	
9,567.0	1.64	101.46	9,544.8	-135.5	367.4	391.6	110.24	
9,661.0	2.38	177.76	9,638.8	-137.7	368.8	393.7	110.47	
9,755.0	6.23	184.55	9,732.5	-144.7	368.5	395.9	111.45	
9,802.0	13.44	189.66	9,778.8	-152.7	367.3	397.8	112.57	
9,849.0	18.57	190.31	9,824.0	-165.4	365.1	400.8	114.38	
9,896.0	19.05	190.41	9,868.5	-180.3	362.4	404.8	116.46	
9,943.0	20.62	187.51	9,912.7	-196.1	359.9	409.8	118.58	
9,990.0	24.59	185.06	9,956.0	-214.0	357.9	417.1	120.88	
10,037.0	28.08	182.88	9,998.2	-234.8	356.5	426.9	123.37	
10,084.0	32.30	180.39	10,038.8	-258.5	355.9	439.8	125.99	
10,132.0	37.31	181.57	10,078.2	-285.8	355.4	456.1	128.81	
10,179.0	38.87	180.89	10,115.2	-314.8	354.8	474.3	131.58	
10,227.0	39.32	180.99	10,152.4	-345.1	354.3	494.6	134.25	
10,274.0	43.68	183.04	10,187.6	-376.2	353.2	516.0	136.81	
10,320.0	48.79	184.44	10,219.4	-409.3	351.0	539.2	139.39	
10,367.0	54.71	186.50	10,248.5	-446.1	347.4	565.4	142.08	
10,414.0	60.41	187.27	10,273.7	-485.4	342.7	594.2	144.78	
10,507.0	71.70	181.28	10,311.4	-570.0	336.6	661.9	149.44	
10,602.0	77.59	179.74	10,336.6	-661.6	335.8	741.9	153.09	
10,696.0	88.35	181.27	10,348.1	-754.7	334.9	825.7	156.07	
10,791.0	88.71	179.35	10,350.5	-849.7	334.4	913.1	158.52	
10,885.0	91.18	177.99	10,350.6	-943.6	336.6	1,001.9	160.37	
10,988.0	90.53	175.84	10,349.1	-1,046.5	342.1	1,101.0	161.90	
11,083.0	90.62	179.38	10,348.1	-1,141.4	346.1	1,192.7	163.13	
11,177.0	90.70	183.07	10,347.0	-1,235.3	344.1	1,282.4	164.44	
11,271.0	89.41	181.78	10,346.9	-1,329.2	340.1	1,372.1	165.65	
11,365.0	89.72	184.17	10,347.6	-1,423.1	335.2	1,462.1	166.75	
11,459.0	91.12	184.45	10,347.0	-1,516.8	328.2	1,551.9	167.79	
11,552.0	90.98	184.12	10,345.2	-1,609.6	321.2	1,641.3	168.71	
11,647.0	88.46	181.78	10,345.7	-1,704.4	316.3	1,733.5	169.49	
11,740.0	89.66	182.65	10,347.2	-1,797.3	312.7	1,824.3	170.13	
11,834.0	89.83	180.98	10,347.7	-1,891.3	309.8	1,916.5	170.70	
11,929.0	90.70	181.20	10,347.2	-1,986.3	307.9	2,010.0	171.19	
12,023.0	90.59	181.40	10,346.2	-2,080.2	305.8	2,102.6	171.64	
12,116.0	89.64	181.00	10,346.0	-2,173.2	303.9	2,194.3	172.04	
12,209.0	87.73	178.25	10,348.1	-2,266.2	304.5	2,286.5	172.35	
12,303.0	88.29	176.79	10,351.4	-2,360.0	308.5	2,380.1	172.55	
12,398.0	87.84	176.88	10,354.6	-2,454.8	313.8	2,474.8	172.72	
12,492.0	87.23	177.77	10,358.6	-2,548.6	318.2	2,568.4	172.88	
12,586.0	86.89	178.00	10,363.4	-2,642.4	321.6	2,661.9	173.06	
12,681.0	87.40	179.09	10,368.2	-2,737.3	324.0	2,756.4	173.25	
12,774.0	88.26	178.83	10,371.7	-2,830.2	325.7	2,848.9	173.43	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Remuda South 25 State 908H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	MD Reference:	RKB @ 3118.0usft (Nabors M7507)
Well:	Remuda South 25 State 908H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
12,869.0	88.82	178.14	10,374.1	-2,925.1	328.2	2,943.5	173.60	
12,964.0	91.40	180.43	10,373.9	-3,020.1	329.4	3,038.0	173.78	
13,059.0	90.45	179.68	10,372.4	-3,115.1	329.3	3,132.5	173.97	
13,153.0	92.44	181.44	10,370.0	-3,209.1	328.4	3,225.8	174.16	
13,247.0	92.32	181.76	10,366.1	-3,302.9	325.8	3,319.0	174.37	
13,342.0	91.88	181.87	10,362.6	-3,397.8	322.8	3,413.1	174.57	
13,437.0	91.71	181.78	10,359.7	-3,492.7	319.8	3,507.3	174.77	
13,531.0	91.57	182.08	10,357.0	-3,586.6	316.6	3,600.6	174.96	
13,625.0	91.29	182.59	10,354.6	-3,680.5	312.8	3,693.8	175.14	
13,720.0	89.41	180.41	10,354.1	-3,775.5	310.3	3,788.2	175.30	
13,814.0	89.08	180.49	10,355.3	-3,869.5	309.5	3,881.8	175.43	
13,909.0	90.70	180.13	10,355.5	-3,964.5	309.0	3,976.5	175.54	
14,004.0	90.64	180.32	10,354.4	-4,059.5	308.7	4,071.2	175.65	
14,099.0	90.42	180.46	10,353.5	-4,154.5	308.0	4,165.9	175.76	
14,193.0	89.61	179.85	10,353.5	-4,248.5	307.8	4,259.6	175.86	
14,288.0	89.47	180.22	10,354.2	-4,343.5	307.7	4,354.3	175.95	
14,382.0	90.39	180.90	10,354.3	-4,437.5	306.8	4,448.0	176.05	
14,474.0	89.78	179.51	10,354.2	-4,529.5	306.4	4,539.8	176.13	
14,569.0	90.36	180.14	10,354.1	-4,624.5	306.7	4,634.6	176.21	
14,662.0	87.51	176.95	10,355.8	-4,717.4	309.1	4,727.5	176.25	
14,757.0	87.45	177.36	10,360.0	-4,812.2	313.8	4,822.4	176.27	
14,851.0	87.11	177.47	10,364.5	-4,906.0	318.0	4,916.3	176.29	
14,944.0	88.99	178.64	10,367.6	-4,998.9	321.2	5,009.2	176.32	
15,038.0	90.17	178.94	10,368.3	-5,092.8	323.2	5,103.1	176.37	
15,132.0	89.89	178.98	10,368.3	-5,186.8	324.9	5,197.0	176.42	
15,225.0	89.66	179.09	10,368.6	-5,279.8	326.5	5,289.9	176.46	
15,320.0	91.01	179.98	10,368.1	-5,374.8	327.2	5,384.8	176.52	
15,414.0	89.72	179.61	10,367.5	-5,468.8	327.6	5,478.6	176.57	
15,508.0	89.27	179.53	10,368.3	-5,562.8	328.3	5,572.5	176.62	
15,602.0	90.11	180.57	10,368.8	-5,656.8	328.2	5,666.3	176.68	
15,696.0	89.24	179.80	10,369.3	-5,750.8	327.9	5,760.1	176.74	
15,791.0	90.25	181.65	10,369.8	-5,845.8	326.7	5,854.9	176.80	
15,885.0	89.94	181.67	10,369.6	-5,939.7	324.0	5,948.6	176.88	
15,979.0	91.57	182.16	10,368.4	-6,033.7	320.8	6,042.2	176.96	
16,073.0	90.95	181.99	10,366.3	-6,127.6	317.4	6,135.8	177.03	
16,168.0	88.99	180.69	10,366.3	-6,222.5	315.2	6,230.5	177.10	
16,262.0	91.18	182.09	10,366.2	-6,316.5	312.9	6,324.3	177.16	
16,355.0	90.56	182.09	10,364.8	-6,409.4	309.5	6,416.9	177.24	
16,450.0	89.86	181.96	10,364.4	-6,504.4	306.2	6,511.6	177.31	
16,544.0	90.98	181.32	10,363.8	-6,598.3	303.5	6,605.3	177.37	
16,638.0	91.23	179.33	10,361.9	-6,692.3	302.9	6,699.2	177.41	
16,732.0	89.78	178.54	10,361.1	-6,786.3	304.7	6,793.1	177.43	
16,827.0	90.14	178.47	10,361.2	-6,881.3	307.2	6,888.1	177.44	
16,921.0	90.50	178.49	10,360.7	-6,975.2	309.7	6,982.1	177.46	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Remuda South 25 State 908H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3118.0usft (Nabors M7507)
Site:	Sec 25, T23S, R29E	MD Reference:	RKB @ 3118.0usft (Nabors M7507)
Well:	Remuda South 25 State 908H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
17,015.0	89.19	178.06	10,360.9	-7,069.2	312.5	7,076.1	177.47	
17,110.0	89.36	178.03	10,362.1	-7,164.1	315.7	7,171.1	177.48	
17,205.0	89.83	178.19	10,362.8	-7,259.1	318.9	7,266.1	177.48	
17,300.0	90.25	178.32	10,362.7	-7,354.0	321.8	7,361.0	177.49	
17,395.0	89.52	177.91	10,362.9	-7,449.0	324.9	7,456.0	177.50	
17,489.0	89.08	177.85	10,364.1	-7,542.9	328.4	7,550.0	177.51	
17,583.0	89.83	177.92	10,365.0	-7,636.8	331.8	7,644.0	177.51	
17,678.0	90.56	178.96	10,364.6	-7,731.8	334.4	7,739.0	177.52	
17,773.0	89.86	178.04	10,364.3	-7,826.7	336.9	7,834.0	177.54	
17,869.0	89.27	177.79	10,365.0	-7,922.7	340.4	7,930.0	177.54	
17,963.0	90.90	179.09	10,364.9	-8,016.6	343.0	8,024.0	177.55	
18,039.0	91.18	178.57	10,363.5	-8,092.6	344.5	8,099.9	177.56	
18,094.0	91.18	178.57	10,362.4	-8,147.6	345.9	8,154.9	177.57	
TD @ 18094.0' MD / 10362.4' TVD								

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
151.0	151.0	-0.9	-0.5	First MWD Survey @ 151.0' MD / 151.0' TVD	
18,094.0	10,362.4	-8,147.6	345.9	TD @ 18094.0' MD / 10362.4' TVD	