

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 a copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

¹ API Number 30-015-45590		² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 326209	⁵ Property Name ROSS DRAW 25-36 FED		⁶ Well Number 131H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.		⁹ Elevation 2,928'

¹⁰ Surface Location

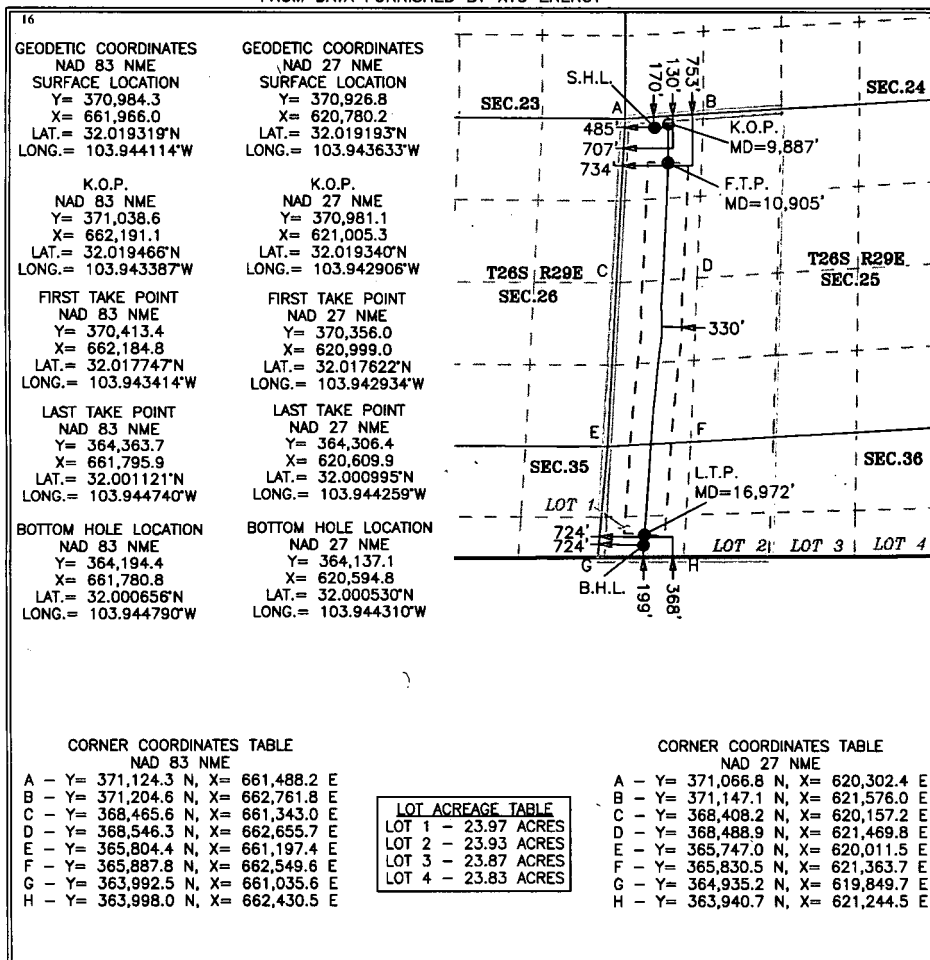
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	25	26 S	29 E		170	NORTH	485	WEST	EDDY

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
L1	36	26 S	29 E		199	SOUTH	724	WEST	EDDY

¹² Dedicated Acres 447.9	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.

Cheryl Rowell 1/24/20
Signature Date
Cheryl Rowell
Printed Name
cheryl_rowell@xtoenergy.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

1-20-2020

Date of Survey

Signature and Seal of
Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



JC

2018112755

LP 4-23-20

RECEIVED

FEB 27 2020

EMNRD-OGD ARTESIA

Intent ☐ As Drilled ☒

API # 30-015-45590		
Operator Name: XTO ENERGY INC.	Property Name: ROSS DRAW 25-36 FED	Well Number 131H

Kick Off Point (KOP)

UL D	Section 25	Township 26S	Range 29E	Lot	Feet 130	From N/S FNL	Feet 707	From E/W FWL	County EDDY
Latitude 32.019466					Longitude 103.943387			NAD 83	

First Take Point (FTP)

UL D	Section 25	Township 26S	Range 29E	Lot	Feet 753	From N/S FNL	Feet 734	From E/W FWL	County EDDY
Latitude 32.017747					Longitude 103.943414			NAD 83	

Last Take Point (LTP)

UL L1	Section 36	Township 26S	Range 29E	Lot	Feet 368	From N/S FSL	Feet 724	From E/W FWL	County EDDY
Latitude 32.001121					Longitude 103.944740			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-45585		
Operator Name: XTO Energy Inc.	Property Name: Ross Draw 25 36 Federal Com	Well Number 102H

KZ 06/29/2018



RECEIVED
FEB 27 2020
EMNRD-OCD ARTESIA

I **Larry Wright**, certify that I am employed by **Wellbenders Directional Services**. That I did on the day(s) of **04/15/19** thru **05/12/19** conduct or supervise the taking of a **MWD Survey** from a depth of **196'** to a depth of **17142'**; that the data is true, correct, complete and within the limitations of the tool as set forth by **Wellbenders Directional Services**; that I am authorized and qualified to make this report; that this survey was conducted at the request of **XTO Energy Inc** for the **Ross Draw 25-36 Fed 131H** API No. **30-015-45590** in **Eddy County, New Mexico**; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by **Wellbenders Directional Services**.

Larry Wright

Larry Wright
Digitally signed
by Larry Wright
Date:
2020.01.23
10:48:58 -06'00'

13901 Hwy 105W, Conroe, Texas
77304
PH 936-539-9602



RECEIVED
FEB 27 2020
EMNRD-OCDARTESIA

Wellbenders
End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
Project:	Eddy County, NM (Nad-27 / East Zone)	TVD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Project	Eddy County, NM (Nad-27 / East Zone)		
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	Ross Draw 25-36 Fed West		
Site Position:		Northing:	364,267.03 usft
From:	Lat/Long	Easting:	620,303.01 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in
		Latitude:	32.000890
		Longitude:	-103.945250
		Grid Convergence:	0.206 °

Well	131H					
Well Position	+N-S	0.00 usft	Northing:	370,926.80 usft	Latitude:	32.019193
	+E-W	0.00 usft	Easting:	620,780.20 usft	Longitude:	-103.943633
Position Uncertainty	0.00 usft		Wellhead Elevation:	usft	Ground Level:	2,928.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	4/15/2019	6.914	59.792	47,593.46556523

Design					OH						
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		183.56			

Survey Program		Date 5/13/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
196.00	17,142.00	Survey #1 (OH)	WBDS_IGRF	OWSG MWD + IGRF or WMM



Wellbenders End Of Well Report

Company: XTO Energy
Project: Eddy County, NM (Nad-27 / East Zone)
Site: Ross Draw 25-36 Fed West
Well: 131H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well 131H
TVD Reference: RKB=23' @ 2951.00usft (Frontier 17)
MD Reference: RKB=23' @ 2951.00usft (Frontier 17)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
196.00	1.58	157.89	195.98	-2.50	1.02	2.44	196.00	157.89	0.81
288.00	1.45	162.20	287.94	-4.79	1.85	4.66	92.00	159.95	0.19
384.00	1.63	189.18	383.91	-7.29	2.00	7.15	96.00	176.49	0.77
448.00	2.15	186.11	447.87	-9.38	1.73	9.26	64.00	187.43	0.83
498.00	2.55	183.65	497.83	-11.43	1.56	11.31	50.00	184.78	0.82
642.00	2.59	187.07	641.69	-17.85	0.96	17.76	144.00	185.37	0.11
737.00	2.33	185.84	736.60	-21.90	0.50	21.83	95.00	186.49	0.28
832.00	2.33	181.80	831.52	-25.75	0.24	25.69	95.00	183.82	0.17
927.00	2.15	189.71	926.45	-29.44	-0.12	29.39	95.00	185.60	0.38
1,022.00	2.46	197.71	1,021.37	-33.14	-1.04	33.14	95.00	193.98	0.47
1,117.00	2.29	202.63	1,116.29	-36.83	-2.39	36.91	95.00	200.08	0.28
1,211.00	2.15	201.14	1,210.22	-40.21	-3.75	40.37	94.00	201.91	0.16
1,306.00	2.59	199.47	1,305.14	-43.90	-5.11	44.13	95.00	200.23	0.47
1,401.00	2.59	192.79	1,400.04	-48.01	-6.30	48.31	95.00	196.13	0.32
1,496.00	2.73	196.83	1,494.94	-52.27	-7.43	52.63	95.00	194.86	0.25
1,591.00	2.55	196.39	1,589.84	-56.47	-8.68	56.90	95.00	196.62	0.19
1,687.00	0.75	188.39	1,685.80	-59.14	-9.38	59.60	96.00	194.57	1.89
1,781.00	0.70	43.72	1,779.79	-59.33	-9.07	59.78	94.00	122.23	1.47
1,876.00	2.73	62.71	1,874.75	-57.87	-6.66	58.18	95.00	58.87	2.19
1,970.00	4.53	63.41	1,968.55	-55.19	-1.35	55.16	94.00	63.15	1.92
2,064.00	4.31	61.83	2,062.27	-51.86	5.08	51.44	94.00	62.64	0.27
2,160.00	3.87	63.24	2,158.03	-48.69	11.16	47.91	96.00	62.50	0.47
2,255.00	3.47	60.16	2,252.83	-45.82	16.51	44.71	95.00	61.78	0.47
2,349.00	4.66	51.63	2,346.60	-42.03	21.97	40.59	94.00	55.27	1.42
2,445.00	4.84	63.68	2,442.27	-37.82	28.66	35.97	96.00	57.77	1.05
2,539.00	4.84	69.04	2,535.93	-34.64	35.92	32.34	94.00	66.36	0.48



Wellbenders End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
Project:	Eddy County, NM (Nad-27 / East Zone)	TVD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
2,635.00	6.29	67.81	2,631.48	-31.21	44.57	28.38	96.00	68.35	1.52
2,730.00	6.68	72.02	2,725.87	-27.54	54.65	24.09	95.00	69.98	0.65
2,825.00	7.16	72.02	2,820.18	-24.00	65.53	19.89	95.00	72.02	0.51
2,878.00	7.12	78.44	2,872.77	-22.32	71.89	17.82	53.00	75.22	1.51
2,984.00	5.80	78.18	2,978.09	-19.91	83.57	14.68	106.00	78.32	1.25
3,079.00	4.70	68.25	3,072.70	-17.48	91.89	11.75	95.00	73.73	1.50
3,174.00	3.96	62.71	3,167.42	-14.54	98.42	8.40	95.00	65.72	0.89
3,269.00	3.74	54.45	3,262.21	-11.23	103.85	4.76	95.00	58.70	0.63
3,363.00	3.52	51.81	3,356.02	-7.67	108.61	0.91	94.00	53.17	0.29
3,459.00	3.74	49.79	3,451.83	-3.82	113.32	-3.22	96.00	50.77	0.27
3,554.00	3.56	51.46	3,546.64	0.01	117.99	-7.34	95.00	50.60	0.22
3,649.00	3.12	47.94	3,641.48	3.58	122.22	-11.17	95.00	49.82	0.51
3,744.00	3.91	62.80	3,736.30	6.80	127.02	-14.67	95.00	56.21	1.26
3,839.00	5.71	61.04	3,830.96	10.57	134.04	-18.87	95.00	61.76	1.90
3,934.00	5.14	60.07	3,925.53	14.98	141.86	-23.76	95.00	60.58	0.61
4,027.00	6.73	56.82	4,018.03	20.04	150.03	-29.32	93.00	58.23	1.75
4,122.00	7.52	64.11	4,112.30	25.80	160.28	-35.70	95.00	60.67	1.26
4,217.00	6.95	63.50	4,206.54	31.08	171.02	-41.64	95.00	63.82	0.61
4,312.00	6.64	62.53	4,300.88	36.18	181.04	-47.35	95.00	63.03	0.35
4,407.00	6.42	60.16	4,395.26	41.35	190.52	-53.10	95.00	61.36	0.37
4,501.00	5.58	59.54	4,488.74	46.29	199.02	-58.55	94.00	59.87	0.90
4,596.00	5.23	56.29	4,583.32	51.03	206.60	-63.76	95.00	57.97	0.49
4,690.00	4.40	61.39	4,676.99	55.13	213.33	-68.27	94.00	58.62	0.99
4,785.00	6.51	62.71	4,771.55	59.35	221.32	-72.98	95.00	62.18	2.22
4,879.00	6.33	62.09	4,864.96	64.22	230.63	-78.41	94.00	62.40	0.21
4,973.00	6.42	62.80	4,958.38	69.05	239.88	-83.81	94.00	62.45	0.13
5,067.00	6.20	63.50	5,051.81	73.71	249.10	-89.04	94.00	63.14	0.25



Wellbenders End Of Well Report

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Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
5,161.00	5.80	62.97	5,145.30	78.14	257.87	-94.00	94.00	63.24	0.43
5,255.00	5.45	65.17	5,238.85	82.17	266.16	-98.54	94.00	64.04	0.44
5,350.00	5.36	63.85	5,333.42	86.02	274.23	-102.88	95.00	64.52	0.16
5,446.00	4.40	63.68	5,429.07	89.63	281.56	-106.94	96.00	63.77	1.00
5,540.00	2.37	68.16	5,522.91	91.95	286.60	-109.57	94.00	65.25	2.18
5,635.00	2.29	70.79	5,617.83	93.31	290.21	-111.15	95.00	69.45	0.14
5,730.00	1.89	75.63	5,712.76	94.32	293.52	-112.36	95.00	72.98	0.46
5,826.00	0.62	212.74	5,808.75	94.27	294.77	-112.40	96.00	92.01	2.48
5,922.00	0.53	195.51	5,904.74	93.41	294.37	-111.51	96.00	204.80	0.20
6,017.00	0.53	183.65	5,999.74	92.55	294.23	-110.64	95.00	189.58	0.12
6,111.00	0.40	185.67	6,093.74	91.79	294.17	-109.88	94.00	184.52	0.14
6,205.00	0.53	189.36	6,187.73	91.03	294.07	-109.12	94.00	187.77	0.14
6,299.00	0.75	192.61	6,281.73	90.00	293.86	-108.08	94.00	191.26	0.24
6,393.00	0.92	188.13	6,375.72	88.66	293.62	-106.72	94.00	190.14	0.19
6,488.00	1.14	192.35	6,470.70	86.98	293.31	-105.02	95.00	190.47	0.24
6,583.00	1.14	191.12	6,565.68	85.13	292.93	-103.15	95.00	191.74	0.03
6,678.00	1.36	204.04	6,660.66	83.17	292.28	-101.16	95.00	198.15	0.37
6,772.00	1.45	218.01	6,754.63	81.21	291.10	-99.13	94.00	211.25	0.38
6,866.00	1.71	229.52	6,848.60	79.37	289.30	-97.18	94.00	224.24	0.44
6,963.00	1.80	223.20	6,945.55	77.32	287.15	-95.00	97.00	226.28	0.22
7,057.00	1.85	237.96	7,039.50	75.44	284.86	-92.98	94.00	230.68	0.50
7,151.00	2.59	247.10	7,133.43	73.80	281.61	-91.15	94.00	243.29	0.87
7,246.00	3.74	248.51	7,228.29	71.83	276.75	-88.88	95.00	247.93	1.21
7,341.00	3.25	256.42	7,323.11	70.07	271.25	-86.77	95.00	252.19	0.72
7,435.00	3.74	274.96	7,416.94	69.71	265.61	-86.06	94.00	266.34	1.30
7,530.00	3.25	287.80	7,511.76	70.80	259.96	-86.80	95.00	280.93	0.97
7,625.00	3.43	284.63	7,606.60	72.34	254.64	-88.01	95.00	286.17	0.27



Wellbenders End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
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Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
7,719.00	3.96	282.08	7,700.41	73.73	248.75	-89.03	94.00	283.26	0.59
7,814.00	3.60	275.05	7,795.20	74.68	242.57	-89.59	95.00	278.73	0.62
7,908.00	3.38	271.45	7,889.03	75.01	236.86	-89.57	94.00	273.31	0.33
8,003.00	2.99	264.77	7,983.88	74.85	231.59	-89.09	95.00	268.31	0.57
8,097.00	2.68	256.95	8,077.76	74.13	227.01	-88.08	94.00	261.07	0.53
8,193.00	2.46	252.38	8,173.67	73.00	222.86	-86.70	96.00	254.76	0.31
8,287.00	2.46	242.53	8,267.58	71.46	219.15	-84.93	94.00	247.46	0.45
8,381.00	1.49	215.73	8,361.53	69.54	216.65	-82.86	94.00	232.48	1.40
8,476.00	0.92	163.26	8,456.51	67.80	216.14	-81.09	95.00	196.14	1.24
8,569.00	2.20	140.67	8,549.47	65.71	217.49	-79.09	93.00	147.28	1.50
8,663.00	2.29	141.46	8,643.40	62.84	219.80	-76.37	94.00	141.07	0.10
8,757.00	2.07	144.45	8,737.33	59.99	221.96	-73.66	94.00	142.88	0.26
8,853.00	1.85	153.06	8,833.28	57.20	223.67	-70.98	96.00	148.51	0.38
8,948.00	1.71	117.73	8,928.23	55.17	225.62	-69.08	95.00	136.11	1.15
9,043.00	1.80	122.21	9,023.19	53.72	228.14	-67.78	95.00	120.03	0.17
9,137.00	1.80	62.53	9,117.15	53.61	230.70	-67.84	94.00	92.37	1.91
9,233.00	0.84	22.01	9,213.12	54.96	232.30	-69.28	96.00	49.91	1.34
9,328.00	0.48	27.38	9,308.12	55.96	232.74	-70.30	95.00	23.96	0.38
9,422.00	0.40	297.02	9,402.12	56.46	232.63	-70.80	94.00	347.43	0.67
9,517.00	0.57	281.38	9,497.11	56.70	231.87	-70.99	95.00	287.82	0.23
9,612.00	1.01	264.77	9,592.10	56.72	230.58	-70.93	95.00	270.75	0.52
9,706.00	1.23	265.47	9,686.09	56.57	228.74	-70.66	94.00	265.15	0.23
9,780.00	1.32	256.43	9,760.07	56.30	227.12	-70.30	74.00	260.79	0.30
9,888.00	2.02	205.44	9,868.03	54.29	225.10	-68.16	108.00	225.23	1.45
9,935.00	5.89	172.92	9,914.91	51.15	225.04	-65.02	47.00	181.07	9.20
9,983.00	10.42	172.40	9,962.41	44.40	225.92	-58.34	48.00	172.59	9.44
10,030.00	12.97	174.77	10,008.43	34.93	226.96	-48.96	47.00	173.71	5.52



Wellbenders End Of Well Report

Company: XTO Energy
Project: Eddy County, NM (Nad-27 / East Zone)
Site: Ross Draw 25-36 Fed West
Well: 131H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well 131H
TVD Reference: RKB=23' @ 2951.00usft (Frontier 17)
MD Reference: RKB=23' @ 2951.00usft (Frontier 17)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: WBDS_SQL_2

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
10,077.00	15.38	189.80	10,054.01	23.53	226.38	-37.54	47.00	182.91	9.32
10,124.00	20.79	187.25	10,098.68	9.10	224.26	-23.01	47.00	188.34	11.63
10,171.00	25.76	184.70	10,141.84	-9.36	222.37	-4.47	47.00	185.85	10.79
10,218.00	29.01	182.42	10,183.57	-30.93	221.06	17.15	47.00	183.50	7.26
10,266.00	32.92	179.95	10,224.72	-55.61	220.57	41.81	48.00	181.11	8.56
10,313.00	33.54	179.25	10,264.03	-81.37	220.76	67.50	47.00	179.60	1.55
10,360.00	35.30	179.08	10,302.80	-107.93	221.14	93.99	47.00	179.16	3.75
10,407.00	39.56	179.08	10,340.12	-136.49	221.60	122.47	47.00	179.08	9.06
10,455.00	44.97	177.58	10,375.63	-168.74	222.56	154.60	48.00	178.29	11.46
10,502.00	49.05	179.08	10,407.67	-203.10	223.55	188.83	47.00	178.35	8.99
10,550.00	53.41	179.60	10,437.72	-240.51	223.98	226.14	48.00	179.35	9.12
10,597.00	59.43	180.22	10,463.70	-279.65	224.03	265.20	47.00	179.92	12.86
10,645.00	64.53	181.71	10,486.25	-322.00	223.31	307.51	48.00	180.98	10.97
10,692.00	67.91	181.71	10,505.20	-364.99	222.02	350.49	47.00	181.71	7.19
10,739.00	71.21	181.10	10,521.61	-409.01	220.94	394.50	47.00	181.40	7.13
10,786.00	74.55	180.57	10,535.44	-453.91	220.29	439.36	47.00	180.83	7.19
10,833.00	78.90	180.39	10,546.23	-499.64	219.91	485.03	47.00	180.48	9.26
10,905.00	84.13	181.36	10,556.85	-570.82	218.82	556.13	72.00	180.88	7.38
10,952.00	87.78	181.36	10,560.17	-617.68	217.71	602.97	47.00	181.36	7.77
11,046.00	87.91	181.98	10,563.70	-711.58	214.97	696.86	94.00	181.67	0.67
11,141.00	87.21	181.98	10,567.75	-806.43	211.69	791.73	95.00	181.98	0.74
11,235.00	89.01	182.68	10,570.85	-900.30	207.87	885.66	94.00	182.33	2.05
11,330.00	88.97	183.21	10,572.52	-995.16	202.99	980.64	95.00	182.94	0.56
11,424.00	87.60	182.77	10,575.33	-1,088.99	198.09	1,074.59	94.00	182.99	1.53
11,518.00	90.90	181.80	10,576.56	-1,182.89	194.34	1,168.54	94.00	182.28	3.66
11,612.00	91.47	182.15	10,574.62	-1,276.81	191.10	1,262.48	94.00	181.97	0.71
11,706.00	91.03	183.12	10,572.57	-1,370.69	186.78	1,356.45	94.00	182.64	1.13



Wellbenders End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
Project:	Eddy County, NM (Nad-27 / East Zone)	TVD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
11,800.00	90.29	182.85	10,571.49	-1,464.56	181.89	1,450.44	94.00	182.98	0.84
11,894.00	91.08	182.68	10,570.36	-1,558.44	177.35	1,544.42	94.00	182.77	0.86
11,988.00	90.81	182.68	10,568.81	-1,652.32	172.96	1,638.40	94.00	182.68	0.29
12,078.00	90.59	182.68	10,567.71	-1,742.22	168.75	1,728.38	90.00	182.68	0.24
12,172.00	90.86	182.42	10,566.52	-1,836.12	164.57	1,822.36	94.00	182.55	0.40
12,266.00	90.55	182.77	10,565.37	-1,930.01	160.31	1,916.34	94.00	182.60	0.50
12,360.00	89.80	181.62	10,565.08	-2,023.94	156.71	2,010.31	94.00	182.19	1.46
12,454.00	89.76	181.89	10,565.44	-2,117.90	153.83	2,104.26	94.00	181.75	0.29
12,548.00	92.62	183.82	10,563.49	-2,211.75	149.16	2,198.22	94.00	182.85	3.67
12,642.00	91.38	184.17	10,560.21	-2,305.46	142.61	2,292.16	94.00	184.00	1.37
12,736.00	90.33	183.29	10,558.80	-2,399.25	136.50	2,386.14	94.00	183.73	1.46
12,830.00	88.84	182.77	10,559.49	-2,493.11	131.53	2,480.13	94.00	183.03	1.68
12,924.00	91.60	184.96	10,559.12	-2,586.88	125.19	2,574.12	94.00	183.86	3.75
13,018.00	89.85	184.00	10,557.94	-2,680.58	117.85	2,668.09	94.00	184.48	2.12
13,112.00	90.46	182.85	10,557.68	-2,774.41	112.24	2,762.09	94.00	183.43	1.38
13,206.00	90.15	181.54	10,557.18	-2,868.34	108.64	2,856.06	94.00	182.19	1.43
13,300.00	89.05	180.13	10,557.84	-2,962.32	107.27	2,949.95	94.00	180.84	1.90
13,395.00	91.43	178.20	10,557.44	-3,057.30	108.65	3,044.65	95.00	179.17	3.23
13,489.00	91.12	178.28	10,555.35	-3,151.23	111.54	3,138.23	94.00	178.24	0.34
13,582.00	90.51	180.66	10,554.02	-3,244.21	112.40	3,230.97	93.00	179.47	2.64
13,696.00	93.23	183.47	10,550.30	-3,358.06	108.29	3,344.85	114.00	182.06	3.43
13,790.00	91.74	186.81	10,546.23	-3,451.57	99.88	3,438.71	94.00	185.14	3.89
13,884.00	92.04	187.34	10,543.13	-3,544.81	88.31	3,532.48	94.00	187.07	0.65
13,978.00	93.58	187.78	10,538.52	-3,637.87	75.96	3,626.14	94.00	187.56	1.70
14,072.00	91.34	187.34	10,534.48	-3,730.97	63.60	3,719.82	94.00	187.56	2.43
14,167.00	89.10	185.76	10,534.12	-3,825.34	52.77	3,814.68	95.00	186.55	2.89
14,261.00	88.79	185.58	10,535.85	-3,918.86	43.48	3,908.60	94.00	185.67	0.38



Wellbenders End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
Project:	Eddy County, NM (Nad-27 / East Zone)	TVD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
14,355.00	88.53	185.58	10,538.05	-4,012.39	34.34	4,002.51	94.00	185.58	0.28
14,450.00	89.49	185.23	10,539.69	-4,106.95	25.40	4,097.45	95.00	185.40	1.08
14,543.00	91.08	185.84	10,539.23	-4,199.51	16.43	4,190.39	93.00	185.53	1.83
14,638.00	92.75	185.32	10,536.05	-4,294.01	7.19	4,285.27	95.00	185.58	1.84
14,732.00	90.51	186.90	10,533.38	-4,387.43	-2.81	4,379.13	94.00	186.11	2.92
14,827.00	90.42	187.43	10,532.61	-4,481.68	-14.65	4,473.94	95.00	187.17	0.57
14,921.00	88.18	184.79	10,533.76	-4,575.12	-24.66	4,567.83	94.00	186.11	3.68
15,015.00	89.10	184.88	10,535.99	-4,668.76	-32.58	4,661.78	94.00	184.84	0.98
15,109.00	88.84	184.96	10,537.68	-4,762.40	-40.64	4,755.73	94.00	184.92	0.29
15,204.00	87.82	184.26	10,540.45	-4,857.05	-48.27	4,850.68	95.00	184.61	1.30
15,298.00	90.33	184.35	10,541.96	-4,950.77	-55.33	4,944.65	94.00	184.31	2.67
15,392.00	88.79	183.38	10,542.69	-5,044.55	-61.66	5,038.64	94.00	183.87	1.94
15,486.00	88.75	183.73	10,544.70	-5,138.34	-67.49	5,132.62	94.00	183.55	0.37
15,580.00	92.18	183.38	10,543.94	-5,232.15	-73.32	5,226.60	94.00	183.56	3.67
15,675.00	92.26	184.26	10,540.26	-5,326.86	-79.64	5,321.53	95.00	183.82	0.93
15,769.00	90.81	183.12	10,537.74	-5,420.63	-85.69	5,415.49	94.00	183.69	1.96
15,862.00	89.80	182.77	10,537.25	-5,513.50	-90.47	5,508.48	93.00	182.94	1.15
15,956.00	92.22	183.73	10,535.59	-5,607.33	-95.79	5,602.46	94.00	183.25	2.77
16,050.00	91.69	184.17	10,532.38	-5,701.05	-102.26	5,696.40	94.00	183.95	0.73
16,144.00	89.36	183.82	10,531.52	-5,794.81	-108.81	5,790.39	94.00	183.99	2.51
16,238.00	89.54	184.26	10,532.42	-5,888.58	-115.44	5,884.38	94.00	184.04	0.51
16,331.00	91.91	185.58	10,531.25	-5,981.22	-123.41	5,977.34	93.00	184.92	2.92
16,426.00	90.46	184.00	10,529.28	-6,075.86	-131.34	6,072.29	95.00	184.79	2.26
16,520.00	89.89	183.21	10,529.00	-6,169.67	-137.25	6,166.29	94.00	183.60	1.04
16,613.00	89.32	184.88	10,529.64	-6,262.43	-143.81	6,259.28	93.00	184.04	1.90
16,708.00	87.96	183.82	10,531.89	-6,357.13	-151.01	6,354.24	95.00	184.35	1.81
16,802.00	89.27	184.26	10,534.16	-6,450.87	-157.63	6,448.21	94.00	184.04	1.47



Wellbenders End Of Well Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well 131H
Project:	Eddy County, NM (Nad-27 / East Zone)	TVD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Site:	Ross Draw 25-36 Fed West	MD Reference:	RKB=23' @ 2951.00usft (Frontier 17)
Well:	131H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	WBDS_SQL_2

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	CL (usft)	CL Azi (°)	DLeg (°/100ft)
16,896.00	89.01	184.35	10,535.57	-6,544.59	-164.69	6,542.19	94.00	184.30	0.29
16,990.00	89.23	184.09	10,537.02	-6,638.32	-171.61	6,636.17	94.00	184.22	0.36
17,080.00	91.25	185.67	10,536.64	-6,727.99	-179.26	6,726.14	90.00	184.88	2.85
17,142.00	91.25	185.67	10,535.29	-6,789.67	-185.39	6,788.08	62.00	185.67	0.00
Final Station Closure Distance= 6792.20 /Direction= 181.56 - Projection to Bit: 17142.00' MD/ 10535.29' TVD - TD: Latitude = 32.000530 / Longitude = -103.944310 - TD: Y= 364137.13 / X= 620594.81									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
17,142.00	10,535.29	-6,789.67	-185.39	Final Station Closure Distance= 6792.20 /Direction= 181.56
17,142.00	10,535.29	-6,789.67	-185.39	Projection to Bit: 17142.00' MD/ 10535.29' TVD
17,142.00	10,535.29	-6,789.67	-185.39	TD: Latitude = 32.000530 / Longitude = -103.944310
17,142.00	10,535.29	-6,789.67	-185.39	TD: Y= 364137.13 / X= 620594.81

Checked By: _____ Approved By: _____ Date: _____