

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address XTO Energy, Inc. 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-46542	⁵ Pool Name SALT LAKE: BONE SPRING	⁶ Pool Code 53560
⁷ Property Code 326994	⁸ Property Name BIG EDDY UNIT 29W VADER	⁹ Well Number 104H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	16	20S	32E		358	South	50	West	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	19	20S	32E		659	North	31	West	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373075	XTO Permain Operating, LLC 6401 Holiday Hill Rd bldg 5 Midland Tx 79707	O/G/W

IV. Well Completion Data

²¹ Spud Date 1/14/2020	²² Ready Date 4/16/2021	²³ TD 20138 MD 9617 TVD	²⁴ PBT 20125 MD 9617 TVD	²⁵ Perforations 10,105 - 19,999	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24.0	18.625	1114	2005		
17.5	13.375	2445	1780		
12.25	9.625	4988	1780		
8.75	5.5/2.875	20127 /9002	2665		

V. Well Test Data

³¹ Date New Oil 4/17/2021	³² Gas Delivery Date 4/19/2021	³³ Test Date 4/19/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 291	³⁶ Csg. Pressure 289
³⁷ Choke Size	³⁸ Oil 1690	³⁹ Water 5330	⁴⁰ Gas 1012		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cassie Evans*Printed name: **Cassie Evans**Title: **Regulatory Analyst**E-mail Address: **cassie.evans@exxonmobil.com**Date: **06/07/2021**Phone: **432.218.3671**

OIL CONSERVATION DIVISION

Approved by: **KURT SIMMONS**Title: **NMOCD, SANTA FE**Approval Date: **07/28/2021**

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED PLAT

¹ API Number 30-025-46542	² Pool Code 53560	³ Pool Name SALT LAKE; BONE SPRING
⁴ Property Code 326994	⁵ Property Name BIG EDDY UNIT 29W VADER	⁶ Well Number 104H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,516'

¹⁰ Surface Location

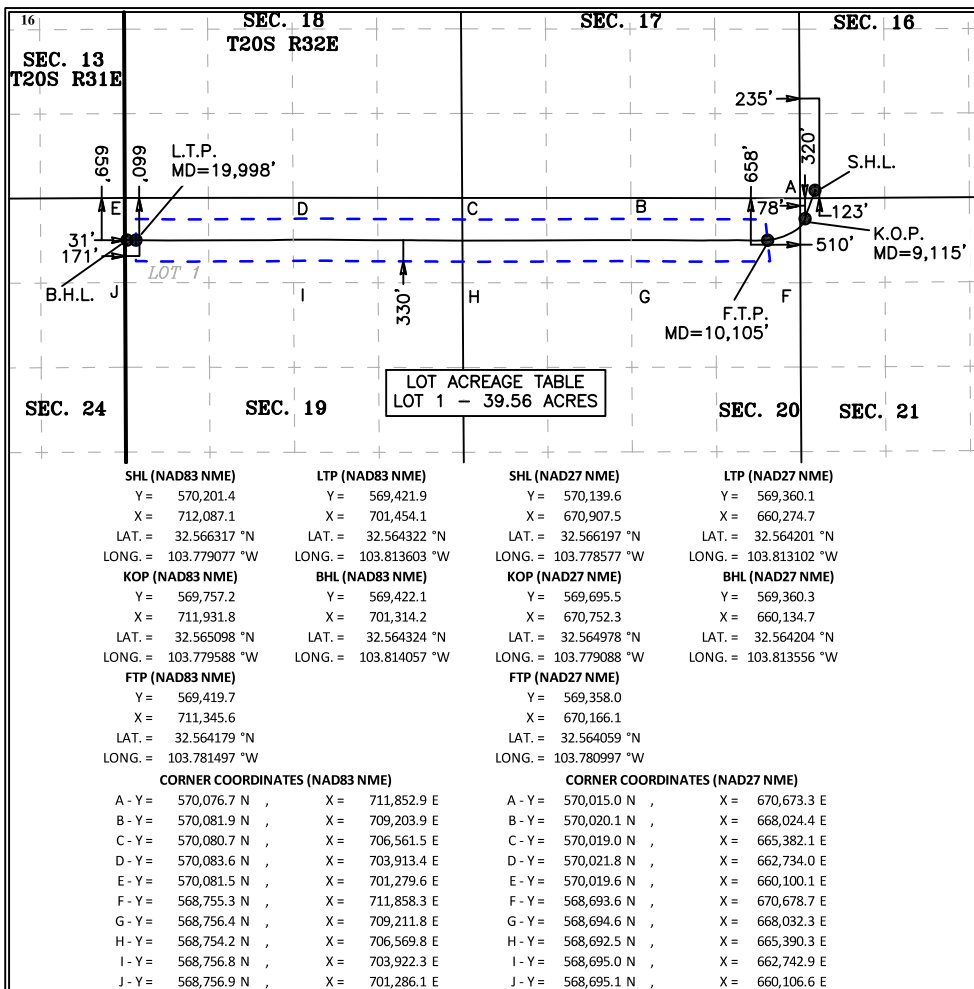
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	20 S	32 E		123	SOUTH	235	WEST	LEA

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
I	19	20 S	32 E		659	NORTH	31	WEST	LEA

¹² Dedicated Acres 319.56	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 _____ Date _____

Printed Name _____

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.

4-29-2021

Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



JC 2019072122

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

KZ 06/29/2018

XTO Energy

Big Eddy Unit 29W Vader 104H

Eddy, TX

Precision Drilling 595

API# 30-025-46542

January 14, 2020 - February 16, 2020

MO-XX-0906231505

Sperry Drilling

MWD Survey Report

Submitted by: Breidin Lozada

3950 Interwood South Parkway Houston, TX 77032

Ph: 281.986.4400

HALLIBURTON

Sperry Drilling

HALLIBURTON**DIRECTIONAL SURVEY REPORT**

XTO Energy
 Big Eddy Unit 29W Vader 104H
 Lea County, NM (NAD27)
 Eddy New Mexico
 USA
 MO-XX-0906231505

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	TIE-IN
204.00	0.28	150.25	204.00	0.43 S	0.24 E	-0.24	0.14
295.00	0.44	182.53	295.00	0.97 S	0.34 E	-0.34	0.28
386.00	0.49	184.54	385.99	1.71 S	0.29 E	-0.29	0.06
476.00	0.46	206.14	475.99	2.42 S	0.10 E	-0.10	0.20
568.00	0.53	187.06	567.99	3.17 S	0.11 W	0.11	0.19
660.00	0.53	186.78	659.98	4.02 S	0.22 W	0.22	0.00
750.00	1.21	183.75	749.97	5.38 S	0.33 W	0.33	0.75
840.00	0.94	168.49	839.96	7.04 S	0.24 W	0.24	0.43
930.00	1.16	156.08	929.94	8.59 S	0.27 E	-0.28	0.35
1019.00	1.56	135.81	1018.92	10.29 S	1.48 E	-1.49	0.70
1071.00	2.94	103.23	1070.88	11.10 S	3.27 E	-3.28	3.51
1129.00	3.28	99.11	1128.79	11.70 S	6.36 E	-6.36	0.70
1203.00	2.86	95.64	1202.69	12.22 S	10.28 E	-10.29	0.61
1293.00	1.32	89.27	1292.62	12.42 S	13.55 E	-13.56	1.73
1382.00	0.71	342.07	1381.62	11.89 S	14.40 E	-14.41	1.88
1472.00	1.34	332.48	1471.60	10.42 S	13.74 E	-13.75	0.72
1562.00	1.74	314.53	1561.57	8.54 S	12.29 E	-12.29	0.69
1651.00	1.92	307.02	1650.52	6.69 S	10.14 E	-10.14	0.34
1741.00	2.02	305.29	1740.47	4.87 S	7.64 E	-7.64	0.13
1830.00	2.15	306.46	1829.41	2.97 S	5.02 E	-5.02	0.16
1920.00	1.11	317.08	1919.37	1.33 S	3.07 E	-3.07	1.20
2009.00	0.29	349.21	2008.37	0.47 S	2.43 E	-2.43	0.99
2099.00	0.47	4.64	2098.36	0.12 N	2.42 E	-2.42	0.22
2189.00	0.48	0.27	2188.36	0.86 N	2.45 E	-2.45	0.04
2278.00	0.53	27.33	2277.36	1.59 N	2.64 E	-2.64	0.27
2368.00	0.75	34.23	2367.35	2.44 N	3.16 E	-3.16	0.26
2459.00	0.69	41.43	2458.35	3.34 N	3.86 E	-3.85	0.12
2504.00	0.65	41.06	2503.34	3.74 N	4.20 E	-4.20	0.08
2594.00	0.14	64.95	2593.34	4.17 N	4.64 E	-4.64	0.59
2683.00	0.72	217.94	2682.34	3.78 N	4.39 E	-4.39	0.95
2773.00	1.08	215.11	2772.33	2.64 N	3.56 E	-3.56	0.41
2863.00	1.13	219.75	2862.31	1.26 N	2.50 E	-2.50	0.12
2952.00	1.09	211.07	2951.29	0.14 S	1.50 E	-1.50	0.19
3042.00	0.74	219.48	3041.28	1.33 S	0.69 E	-0.69	0.42
3131.00	0.44	238.58	3130.28	1.95 S	0.03 E	-0.03	0.40
3221.00	0.40	236.75	3220.27	2.31 S	0.53 W	0.53	0.05
3310.00	0.87	216.33	3309.27	3.03 S	1.20 W	1.20	0.58
3400.00	0.76	209.16	3399.26	4.10 S	1.89 W	1.89	0.17
3489.00	1.07	215.74	3488.25	5.29 S	2.67 W	2.66	0.38
3579.00	1.72	204.81	3578.22	7.20 S	3.73 W	3.72	0.78
3668.00	2.30	198.02	3667.17	10.11 S	4.84 W	4.84	0.70
3757.00	2.77	194.23	3756.08	13.90 S	5.92 W	5.92	0.56
3847.00	2.88	190.32	3845.97	18.23 S	6.86 W	6.85	0.25
3936.00	3.44	196.28	3934.83	22.99 S	8.01 W	8.00	0.72
4026.00	4.40	200.12	4024.62	28.82 S	9.96 W	9.94	1.11
4115.00	4.98	199.03	4113.32	35.68 S	12.39 W	12.37	0.65
4205.00	5.48	199.48	4202.95	43.43 S	15.10 W	15.08	0.56
4295.00	5.09	198.17	4292.57	51.28 S	17.78 W	17.75	0.45
4384.00	4.95	196.43	4381.22	58.71 S	20.10 W	20.07	0.23

Big Eddy Unit 29W Vader 104H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
4473.00	5.19	197.36	4469.88	66.24 S	22.38 W	22.35	0.28
4562.00	5.36	196.80	4558.50	74.07 S	24.79 W	24.75	0.20
4652.00	5.24	197.77	4648.11	82.00 S	27.26 W	27.21	0.17
4742.00	5.02	201.13	4737.75	89.58 S	29.93 W	29.88	0.41
4831.00	4.72	202.73	4826.43	96.59 S	32.75 W	32.70	0.37
4920.00	4.44	204.26	4915.15	103.11 S	35.58 W	35.52	0.35
4981.00	4.21	205.30	4975.98	107.29 S	37.50 W	37.45	0.39
5015.00	4.36	202.67	5009.88	109.61 S	38.54 W	38.48	0.71
5105.00	4.45	202.68	5099.61	115.98 S	41.20 W	41.14	0.10
5194.00	4.56	203.08	5188.34	122.42 S	43.91 W	43.85	0.13
5283.00	4.80	202.44	5277.04	129.12 S	46.72 W	46.66	0.28
5373.00	5.20	202.00	5366.70	136.38 S	49.69 W	49.62	0.44
5462.00	5.68	201.36	5455.30	144.22 S	52.81 W	52.73	0.55
5552.00	5.09	199.88	5544.90	152.13 S	55.79 W	55.71	0.67
5641.00	4.79	199.79	5633.57	159.35 S	58.39 W	58.31	0.34
5731.00	5.00	198.65	5723.24	166.60 S	60.92 W	60.83	0.25
5820.00	5.15	199.26	5811.89	174.04 S	63.47 W	63.38	0.18
5909.00	4.85	199.41	5900.55	181.36 S	66.04 W	65.95	0.33
5999.00	4.86	199.87	5990.23	188.53 S	68.60 W	68.50	0.04
6089.00	4.91	203.59	6079.90	195.65 S	71.44 W	71.34	0.36
6178.00	4.92	200.11	6168.58	202.73 S	74.28 W	74.17	0.33
6267.00	4.60	195.03	6257.27	209.76 S	76.51 W	76.40	0.60
6357.00	4.71	195.48	6346.97	216.80 S	78.44 W	78.32	0.14
6447.00	4.46	196.94	6436.69	223.71 S	80.44 W	80.33	0.31
6536.00	4.53	199.45	6525.41	230.34 S	82.62 W	82.50	0.24
6625.00	4.68	199.93	6614.12	237.06 S	85.03 W	84.91	0.17
6715.00	4.76	200.14	6703.82	244.02 S	87.57 W	87.44	0.10
6805.00	4.70	199.96	6793.51	250.99 S	90.11 W	89.98	0.08
6894.00	4.91	200.35	6882.20	257.99 S	92.68 W	92.55	0.24
6983.00	4.89	200.93	6970.87	265.11 S	95.36 W	95.22	0.06
7073.00	5.88	203.72	7060.48	272.91 S	98.59 W	98.44	1.13
7162.00	5.82	201.68	7149.01	281.28 S	102.09 W	101.94	0.24
7252.00	5.20	201.77	7238.60	289.30 S	105.28 W	105.13	0.69
7342.00	5.46	201.09	7328.21	297.09 S	108.34 W	108.18	0.31
7431.00	5.34	198.55	7416.81	304.97 S	111.18 W	111.02	0.30
7521.00	5.22	198.38	7506.43	312.83 S	113.80 W	113.64	0.13
7610.00	5.06	201.51	7595.07	320.32 S	116.52 W	116.35	0.36
7700.00	4.58	201.82	7684.75	327.35 S	119.31 W	119.14	0.53
7789.00	4.44	206.77	7773.48	333.73 S	122.18 W	122.01	0.47
7898.00	4.10	203.45	7882.18	341.08 S	125.64 W	125.46	0.38
7988.00	4.00	207.88	7971.95	346.80 S	128.39 W	128.20	0.37
8077.00	3.91	205.58	8060.74	352.28 S	131.14 W	130.96	0.21
8167.00	4.79	191.25	8150.48	358.73 S	133.20 W	133.01	1.55
8257.00	5.17	181.53	8240.14	366.47 S	134.04 W	133.85	1.03
8347.00	5.41	194.70	8329.76	374.62 S	135.23 W	135.03	1.37
8436.00	5.08	204.39	8418.39	382.27 S	137.92 W	137.72	1.06
8526.00	4.36	204.89	8508.09	389.00 S	141.00 W	140.80	0.80
8615.00	4.60	199.84	8596.82	395.43 S	143.64 W	143.43	0.52
8705.00	5.99	196.80	8686.43	403.31 S	146.22 W	146.01	1.58
8794.00	6.02	196.19	8774.94	412.25 S	148.86 W	148.65	0.08
8883.00	5.26	191.71	8863.51	420.73 S	150.99 W	150.77	0.99
8973.00	4.62	190.13	8953.17	428.33 S	152.47 W	152.24	0.73
9000.00	4.41	188.56	8980.09	430.43 S	152.81 W	152.59	0.89
9043.00	4.11	185.48	9022.97	433.60 S	153.21 W	152.98	0.88
9087.00	8.08	190.87	9066.71	438.21 S	153.94 W	153.71	9.11

Big Eddy Unit 29W Vader 104H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
9132.00	17.38	193.59	9110.56	447.87 S	156.12 W	155.89	20.70
9177.00	24.63	197.63	9152.54	463.36 S	160.55 W	160.30	16.42
9222.00	28.81	201.12	9192.73	482.42 S	167.30 W	167.04	9.92
9266.00	31.80	210.27	9230.74	502.33 S	176.97 W	176.70	12.48
9311.00	34.53	217.45	9268.42	522.71 S	190.71 W	190.43	10.62
9355.00	35.10	222.97	9304.55	541.87 S	206.92 W	206.63	7.28
9400.00	34.84	223.79	9341.43	560.62 S	224.63 W	224.34	1.19
9445.00	37.21	225.96	9377.82	579.36 S	243.31 W	243.01	5.98
9490.00	40.49	230.46	9412.87	598.13 S	264.37 W	264.06	9.61
9534.00	41.60	233.73	9446.05	615.87 S	287.16 W	286.84	5.49
9579.00	43.00	235.52	9479.34	633.39 S	311.86 W	311.53	4.10
9624.00	46.07	239.71	9511.42	650.26 S	338.51 W	338.17	9.44
9669.00	47.99	244.77	9542.10	665.57 S	367.64 W	367.29	9.27
9713.00	52.24	247.52	9570.31	679.19 S	398.52 W	398.16	10.78
9758.00	56.56	247.42	9596.50	693.21 S	432.31 W	431.94	9.60
9803.00	59.72	246.88	9620.25	708.05 S	467.52 W	467.15	7.10
9848.00	64.08	248.43	9641.44	723.13 S	504.23 W	503.85	10.15
9892.00	66.01	250.76	9660.01	737.03 S	541.62 W	541.23	6.50
9937.00	69.67	254.81	9676.99	749.34 S	581.41 W	581.02	11.64
9982.00	73.64	256.18	9691.15	760.03 S	622.76 W	622.36	9.28
10027.00	78.28	257.43	9702.06	769.99 S	665.25 W	664.84	10.66
10072.00	82.65	261.33	9709.52	778.15 S	708.85 W	708.44	12.94
10116.00	86.67	266.20	9713.61	782.90 S	752.38 W	751.97	14.31
10161.00	88.83	268.43	9715.38	785.01 S	797.29 W	796.88	6.90
10206.00	90.09	270.81	9715.80	785.31 S	842.28 W	841.87	5.98
10294.00	91.45	269.63	9714.62	784.97 S	930.27 W	929.86	2.05
10383.00	90.55	270.98	9713.07	784.49 S	1019.25 W	1018.84	1.82
10473.00	90.13	270.94	9712.53	782.99 S	1109.24 W	1108.83	0.47
10563.00	89.94	270.46	9712.48	781.89 S	1199.23 W	1198.82	0.57
10652.00	90.56	269.67	9712.09	781.79 S	1288.23 W	1287.82	1.13
10741.00	90.87	269.57	9710.98	782.38 S	1377.22 W	1376.81	0.37
10831.00	90.89	269.55	9709.60	783.07 S	1467.20 W	1466.79	0.03
10921.00	90.90	269.48	9708.19	783.83 S	1557.19 W	1556.78	0.08
11010.00	90.94	269.69	9706.76	784.47 S	1646.18 W	1645.77	0.24
11100.00	90.79	269.57	9705.40	785.06 S	1736.16 W	1735.75	0.21
11189.00	90.89	269.69	9704.10	785.63 S	1825.15 W	1824.74	0.18
11279.00	90.72	270.30	9702.83	785.64 S	1915.14 W	1914.73	0.70
11368.00	90.76	270.50	9701.69	785.02 S	2004.13 W	2003.72	0.23
11458.00	90.67	270.60	9700.56	784.15 S	2094.12 W	2093.71	0.15
11547.00	90.42	270.31	9699.72	783.45 S	2183.12 W	2182.71	0.43
11637.00	90.75	270.38	9698.80	782.90 S	2273.11 W	2272.70	0.37
11726.00	90.76	270.39	9697.62	782.31 S	2362.10 W	2361.69	0.02
11815.00	91.12	270.42	9696.16	781.68 S	2451.08 W	2450.68	0.41
11905.00	91.03	270.36	9694.48	781.07 S	2541.07 W	2540.66	0.12
11994.00	90.60	270.40	9693.21	780.48 S	2630.06 W	2629.65	0.49
12084.00	90.72	270.46	9692.17	779.80 S	2720.05 W	2719.64	0.15
12173.00	91.16	270.53	9690.71	779.03 S	2809.03 W	2808.62	0.50
12263.00	90.69	270.58	9689.26	778.16 S	2899.02 W	2898.61	0.53
12352.00	90.49	270.09	9688.34	777.64 S	2988.01 W	2987.60	0.59
12442.00	90.13	269.99	9687.86	777.58 S	3078.01 W	3077.60	0.42
12531.00	90.18	269.82	9687.62	777.72 S	3167.01 W	3166.60	0.20
12621.00	90.85	269.88	9686.81	777.96 S	3257.00 W	3256.59	0.75
12710.00	91.14	269.79	9685.26	778.22 S	3345.99 W	3345.58	0.34
12800.00	91.50	269.77	9683.19	778.56 S	3435.96 W	3435.56	0.40
12889.00	91.36	270.10	9680.97	778.66 S	3524.94 W	3524.53	0.40

Big Eddy Unit 29W Vader 104H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
12979.00	91.07	269.50	9679.06	778.98 S	3614.91 W	3614.51	0.74
13068.00	90.46	269.51	9677.87	779.75 S	3703.90 W	3703.49	0.69
13158.00	90.11	269.31	9677.42	780.67 S	3793.90 W	3793.49	0.45
13247.00	90.17	269.64	9677.21	781.49 S	3882.89 W	3882.48	0.38
13337.00	90.24	269.68	9676.88	782.02 S	3972.89 W	3972.48	0.09
13426.00	90.21	269.49	9676.53	782.67 S	4061.89 W	4061.48	0.22
13515.00	90.34	269.57	9676.11	783.40 S	4150.88 W	4150.47	0.17
13605.00	89.97	269.43	9675.86	784.18 S	4240.88 W	4240.47	0.44
13694.00	90.25	269.34	9675.69	785.14 S	4329.87 W	4329.46	0.33
13784.00	90.58	269.36	9675.04	786.16 S	4419.87 W	4419.45	0.37
13873.00	90.65	269.69	9674.09	786.90 S	4508.86 W	4508.45	0.38
13962.00	90.70	269.91	9673.04	787.21 S	4597.85 W	4597.44	0.25
14052.00	90.83	269.90	9671.84	787.36 S	4687.84 W	4687.43	0.14
14141.00	90.77	270.25	9670.59	787.24 S	4776.83 W	4776.42	0.40
14231.00	90.51	269.93	9669.59	787.10 S	4866.83 W	4866.42	0.46
14320.00	90.80	269.94	9668.57	787.20 S	4955.82 W	4955.41	0.33
14410.00	90.45	269.98	9667.59	787.26 S	5045.82 W	5045.40	0.39
14500.00	90.28	269.48	9667.02	787.69 S	5135.81 W	5135.40	0.59
14589.00	90.67	270.17	9666.28	787.96 S	5224.81 W	5224.40	0.89
14679.00	90.85	270.29	9665.08	787.60 S	5314.80 W	5314.39	0.24
14769.00	90.73	270.35	9663.84	787.10 S	5404.79 W	5404.38	0.15
14858.00	90.18	270.18	9663.14	786.68 S	5493.79 W	5493.37	0.65
14948.00	91.00	270.19	9662.21	786.39 S	5583.78 W	5583.37	0.91
15037.00	90.27	270.06	9661.22	786.20 S	5672.77 W	5672.36	0.83
15127.00	90.23	270.13	9660.83	786.05 S	5762.77 W	5762.36	0.09
15216.00	90.80	270.43	9660.03	785.61 S	5851.77 W	5851.36	0.72
15306.00	90.58	270.32	9658.95	785.03 S	5941.76 W	5941.35	0.27
15395.00	89.70	270.41	9658.73	784.46 S	6030.76 W	6030.35	0.99
15485.00	90.75	270.61	9658.38	783.66 S	6120.75 W	6120.34	1.19
15574.00	91.47	270.91	9656.65	782.48 S	6209.73 W	6209.32	0.88
15663.00	90.95	270.36	9654.77	781.49 S	6298.70 W	6298.29	0.85
15753.00	90.63	270.11	9653.53	781.12 S	6388.69 W	6388.28	0.45
15842.00	90.48	270.18	9652.67	780.90 S	6477.69 W	6477.28	0.19
15932.00	90.76	270.17	9651.70	780.62 S	6567.68 W	6567.27	0.31
16021.00	91.11	270.01	9650.24	780.48 S	6656.67 W	6656.26	0.43
16111.00	92.17	270.13	9647.67	780.37 S	6746.63 W	6746.22	1.19
16200.00	91.70	270.02	9644.66	780.26 S	6835.58 W	6835.17	0.54
16290.00	91.36	270.14	9642.26	780.13 S	6925.55 W	6925.14	0.40
16380.00	90.22	270.36	9641.02	779.74 S	7015.53 W	7015.13	1.29
16469.00	91.25	270.59	9639.88	779.00 S	7104.52 W	7104.11	1.19
16559.00	89.39	270.26	9639.37	778.33 S	7194.52 W	7194.11	2.10
16648.00	87.85	270.54	9641.52	777.71 S	7283.48 W	7283.08	1.76
16738.00	89.95	270.95	9643.25	776.54 S	7373.46 W	7373.05	2.38
16827.00	90.35	270.98	9643.01	775.04 S	7462.44 W	7462.04	0.45
16917.00	90.79	271.03	9642.12	773.47 S	7552.42 W	7552.02	0.49
17007.00	91.27	270.30	9640.50	772.42 S	7642.40 W	7642.00	0.97
17096.00	91.09	270.20	9638.67	772.03 S	7731.38 W	7730.98	0.23
17186.00	91.01	270.34	9637.02	771.61 S	7821.37 W	7820.96	0.18
17275.00	90.98	269.50	9635.47	771.73 S	7910.35 W	7909.95	0.94
17365.00	90.70	269.60	9634.15	772.44 S	8000.34 W	7999.93	0.33
17454.00	90.33	269.39	9633.35	773.22 S	8089.33 W	8088.93	0.48
17544.00	90.33	268.97	9632.83	774.51 S	8179.32 W	8178.92	0.47
17634.00	90.43	268.91	9632.24	776.18 S	8269.30 W	8268.90	0.13
17723.00	90.57	268.98	9631.46	777.82 S	8358.29 W	8357.88	0.18
17813.00	90.32	268.99	9630.76	779.41 S	8448.27 W	8447.86	0.28

Big Eddy Unit 29W Vader 104H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
17902.00	90.50	269.74	9630.13	780.40 S	8537.26 W	8536.85	0.87
17992.00	90.64	269.96	9629.23	780.63 S	8627.25 W	8626.85	0.29
18081.00	90.67	269.95	9628.21	780.70 S	8716.25 W	8715.84	0.04
18171.00	90.47	269.93	9627.32	780.80 S	8806.24 W	8805.83	0.22
18260.00	89.89	270.22	9627.04	780.68 S	8895.24 W	8894.83	0.73
18350.00	89.73	269.97	9627.34	780.53 S	8985.24 W	8984.83	0.33
18439.00	89.15	269.95	9628.21	780.59 S	9074.24 W	9073.83	0.65
18529.00	89.41	269.65	9629.34	780.91 S	9164.23 W	9163.82	0.44
18618.00	89.24	269.36	9630.38	781.68 S	9253.22 W	9252.81	0.38
18708.00	89.72	269.62	9631.20	782.48 S	9343.21 W	9342.80	0.61
18797.00	89.86	269.22	9631.53	783.38 S	9432.21 W	9431.80	0.48
18887.00	91.25	269.81	9630.66	784.14 S	9522.20 W	9521.79	1.68
18977.00	91.97	269.50	9628.13	784.68 S	9612.16 W	9611.75	0.87
19066.00	91.90	269.81	9625.12	785.22 S	9701.11 W	9700.70	0.36
19156.00	91.32	270.03	9622.59	785.34 S	9791.07 W	9790.66	0.69
19245.00	91.25	269.91	9620.60	785.39 S	9880.05 W	9879.64	0.16
19335.00	91.14	270.04	9618.72	785.43 S	9970.03 W	9969.62	0.19
19424.00	89.48	270.55	9618.24	784.97 S	10059.02 W	10058.61	1.95
19514.00	89.02	270.64	9619.42	784.04 S	10149.01 W	10148.60	0.52
19603.00	90.44	270.91	9619.84	782.83 S	10238.00 W	10237.59	1.62
19693.00	90.43	270.64	9619.15	781.62 S	10327.99 W	10327.58	0.30
19782.00	91.61	270.67	9617.57	780.60 S	10416.97 W	10416.56	1.33
19871.00	90.16	270.32	9616.20	779.83 S	10505.95 W	10505.54	1.68
19961.00	90.05	270.02	9616.03	779.56 S	10595.95 W	10595.54	0.36
20051.00	89.49	270.03	9616.39	779.52 S	10685.95 W	10685.54	0.62
20120.00	89.98	270.18	9616.71	779.40 S	10754.95 W	10754.54	0.74
20138.00	89.98	270.18	9616.72	779.34 S	10772.95 W	10772.54	0.00

CALCULATION BASED ON MINIMUM CURVATURE METHOD

SURVEY COORDINATES RELATIVE TO WELL SYSTEM REFERENCE POINT
TVD VALUES GIVEN RELATIVE TO DRILLING MEASUREMENT POINT

VERTICAL SECTION RELATIVE TO WELL HEAD
VERTICAL SECTION IS COMPUTED ALONG A DIRECTION OF 270.03 DEGREES (GRID)
A TOTAL CORRECTION OF 6.79 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 20138.00 FEET
IS 10801.10 FEET ALONG 265.86 DEGREES (GRID)

SURVEYS CALCULATED USING SHORT COLLAR METHOD.
SURVEYS PROVIDED BY SPERRY DRILLING MWD. THE LAST SURVEY IS A STRAIGHT PROJECTION TO THE BIT.
SPERRY DRILLING ENGINEERS: BREIDIN LOZADA, BENJAMIN IDUKU.

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017												
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name BIGG EDDY UNIT 29W VADER										
								6. Well Number: 104H										
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																		
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 373075												
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat SALT LAKE; BONE SPRING (OIL)												
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County								
Surface:	M	16	20S	32E		358	South	50	West	Lea								
BH:	1	19	20S	32E		659	North	31	West	Lea								
13. Date Spudded 1/14/2020	14. Date T.D. Reached 2/15/2020		15. Date Rig Released 2/19/2020		16. Date Completed (Ready to Produce) 4/16/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3513 GL										
18. Total Measured Depth of Well 20,138			19. Plug Back Measured Depth 20,125		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,105 - 19,999 SALT LAKE; BONE SPRING (OIL)																		
23. CASING RECORD (Report all strings set in well)																		
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED								
18 5/8"		87.5		1114'		24"		2005										
13 3/8"		68.0		2,445'		17 1/2"		1780										
9 5/8"		40.0		4,988'		12 1/4"		1780										
5 1/2"		20.0		20,127'		8 3/4"		2665										
24. LINER RECORD										25. TUBING RECORD								
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
					2 7/8"	9021	9002											
26. Perforation record (interval, size, and number) 10,105 TO 19,999 4spf, 1201 Total Shots 50 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10,105 - 19,999</td> <td>329,214 bbl fluid + 14,949,185 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10,105 - 19,999	329,214 bbl fluid + 14,949,185 lbs proppant				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
10,105 - 19,999	329,214 bbl fluid + 14,949,185 lbs proppant																	
28. PRODUCTION																		
Date First Production 4/17/2021		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing												
Date of Test 4/19/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1690	Gas - MCF 1012	Water - Bbl. 5330	Gas - Oil Ratio 599											
Flow Tubing Press. 291	Casing Pressure 289	Calculated 24-Hour Rate	Oil - Bbl. 1690	Gas - MCF 1012	Water - Bbl. 5330	Oil Gravity - API - (<i>Corr.</i>)												
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold							30. Test Witnessed By											
31. List Attachments C-104 NW, C-102 & Supplement, Directional Survey (Log uploaded to NMOCD)																		
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:											
34. If an on-site burial was used at the well, report the exact location of the on-site burial:																		
Latitude			Longitude			NAD83												
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																		
Signature <i>Cassie Evans</i>			Printed Name Cassie Evans		Title Regulatory Analyst			Date 06/08/2021										
E-mail Address cassie.evans@exxonmobil.com																		

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1263'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2372'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 4811'	T. Morrison	
T. Drinkard	T. Bone Springs 7682'	T. Todilto	
T. Abo	T. Rustler 895'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

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

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

From	To	Thickness In Feet	Lithology

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

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

ACKNOWLEDGMENTS

Action 31059

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31059
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 31059

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31059
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/28/2021