

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 - 025-46751	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 103H

II. 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	20S	32E		349	South	325	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
4	18	20S	32E		661	South	35	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 Permian Operating, LLC 6401 Holiday Hill Rd bldg 5 Midland, TX 79707	O/G/W

IV. Well Completion Data

²¹ Spud Date 1/25/2020	²² Ready Date 4/7/2021	²³ TD 20460 MD 9598 TVD	²⁴ PBT 20456 MD 9598 TVD	²⁵ Perforations 10,046 - 20,324	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24.0	18.625	1095	2035		
17.5	13.375	2495	1745		
12.25	9.625	5011	2000		
8.75	5.5/2.875	20458 /8966	3415		

V. Well Test Data

³¹ Date New Oil 4/8/2021	³² Gas Delivery Date 4/30/2021	³³ Test Date 4/30/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 222	³⁶ Csg. Pressure 197
³⁷ Choke Size	³⁸ Oil 934	³⁹ Water 1937	⁴⁰ Gas 715		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: **06/08/2021**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 30-025-46751	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 103H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,513'

¹⁰ Surface Location

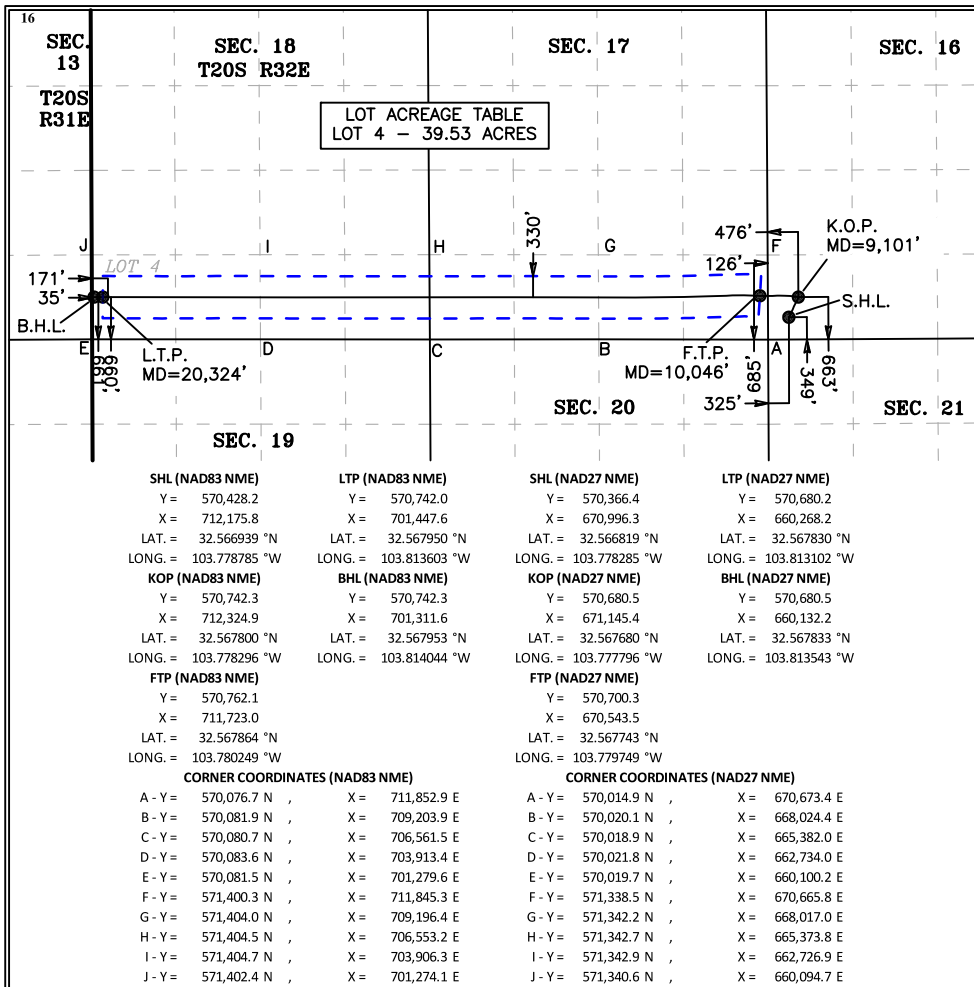
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	20 S	32 E		349	SOUTH	325	WEST	LEA

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
4	18	20 S	32 E		661	SOUTH	35	WEST	LEA

¹² Dedicated Acres 319.53	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.

Cassie Evans 06/08/2021
Signature Date

Cassie Evnas
Printed Name

cassie.evans@exxonmobil.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.

4-29-2021

Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number



JC 2019072121

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

HALLIBURTON**DIRECTIONAL SURVEY REPORT**

XTO Energy Inc.
 Big Eddy Unit 29W Vader 103H
 Lea County, NM (NAD27)
 Lea New Mexico
 USA
 MO-XX-0906251610

SURVEYS TIE IN AT 0' MD FROM SURFACE

SURVEYS FROM 168' MD TO TD PROVIDED BY HALLIBURTON SPERRY MWD. THE LAST SURVEY IS A PROJECTION TO THE BIT.

<i>Measured Depth (feet)</i>	<i>Inclination (degrees)</i>	<i>Direction (degrees)</i>	<i>Vertical Depth (feet)</i>	<i>Latitude (feet)</i>	<i>Departure (feet)</i>	<i>Vertical Section (feet)</i>	<i>Dogleg (deg/100ft)</i>
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	TIE-IN
168.00	0.41	281.72	168.00	0.12 N	0.59 W	0.59	0.25
289.00	0.71	298.00	288.99	0.56 N	1.68 W	1.68	0.28
381.00	0.82	322.78	380.98	1.36 N	2.58 W	2.59	0.38
472.00	0.99	346.55	471.97	2.64 N	3.16 W	3.16	0.45
563.00	0.80	1.37	562.96	4.04 N	3.33 W	3.33	0.32
653.00	0.75	36.03	652.95	5.14 N	2.97 W	2.97	0.52
744.00	0.57	79.88	743.95	5.70 N	2.18 W	2.18	0.57
835.00	0.97	124.62	834.94	5.34 N	1.10 W	1.10	0.76
926.00	1.06	142.22	925.93	4.24 N	0.05 E	-0.05	0.36
1017.00	1.02	149.62	1016.91	2.87 N	0.97 E	-0.97	0.15
1109.00	1.38	147.68	1108.89	1.23 N	1.98 E	-1.98	0.39
1203.00	1.10	126.96	1202.87	0.27 S	3.31 E	-3.31	0.56
1298.00	1.74	54.33	1297.85	0.02 N	5.21 E	-5.21	1.85
1392.00	3.36	29.62	1391.75	3.25 N	7.73 E	-7.73	2.04
1487.00	4.03	21.67	1486.56	8.77 N	10.34 E	-10.33	0.89
1581.00	3.78	20.19	1580.34	14.75 N	12.63 E	-12.62	0.29
1675.00	3.20	19.73	1674.16	20.12 N	14.58 E	-14.57	0.61
1770.00	3.56	20.10	1769.00	25.39 N	16.49 E	-16.48	0.38
1864.00	4.20	19.67	1862.78	31.37 N	18.65 E	-18.64	0.68
1958.00	4.76	23.27	1956.50	38.19 N	21.35 E	-21.33	0.66
2053.00	5.23	25.23	2051.13	45.73 N	24.75 E	-24.73	0.53
2147.00	4.76	27.43	2144.78	53.07 N	28.38 E	-28.35	0.54
2242.00	4.34	28.08	2239.48	59.74 N	31.88 E	-31.85	0.45
2336.00	4.35	28.48	2333.21	66.01 N	35.26 E	-35.22	0.04
2430.00	4.85	23.79	2426.90	72.78 N	38.56 E	-38.52	0.66
2571.00	4.06	24.03	2567.48	82.80 N	43.00 E	-42.96	0.56
2666.00	5.02	24.31	2662.18	89.66 N	46.08 E	-46.03	1.00
2760.00	6.42	25.42	2755.71	98.15 N	50.03 E	-49.98	1.50
2855.00	6.59	23.98	2850.10	107.93 N	54.52 E	-54.47	0.25
2949.00	6.14	20.95	2943.52	117.55 N	58.51 E	-58.45	0.59
3044.00	5.28	20.61	3038.05	126.38 N	61.87 E	-61.80	0.91
3139.00	4.98	20.73	3132.67	134.33 N	64.86 E	-64.79	0.32
3234.00	5.51	20.04	3227.27	142.46 N	67.88 E	-67.81	0.56
3329.00	5.79	22.67	3321.81	151.17 N	71.29 E	-71.21	0.40
3424.00	5.37	26.80	3416.36	159.55 N	75.14 E	-75.06	0.61
3519.00	4.34	28.71	3511.01	166.67 N	78.87 E	-78.79	1.09
3614.00	4.64	26.96	3605.72	173.25 N	82.34 E	-82.25	0.35
3708.00	4.91	24.80	3699.40	180.30 N	85.76 E	-85.66	0.35
3803.00	4.64	24.00	3794.07	187.50 N	89.03 E	-88.93	0.29
3897.00	4.55	24.86	3887.76	194.36 N	92.14 E	-92.04	0.13
3991.00	4.40	26.13	3981.48	200.98 N	95.30 E	-95.19	0.19
4086.00	4.68	27.71	4076.18	207.68 N	98.70 E	-98.59	0.32
4181.00	4.55	32.16	4170.87	214.30 N	102.51 E	-102.39	0.40
4276.00	4.57	27.56	4265.57	220.84 N	106.26 E	-106.15	0.39

Big Eddy Unit 29W Vader 103H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
4370.00	4.77	29.28	4359.26	227.57 N	109.91 E	-109.79	0.26
4464.00	4.94	28.74	4452.92	234.53 N	113.77 E	-113.64	0.19
4559.00	5.09	27.02	4547.56	241.87 N	117.65 E	-117.52	0.22
4653.00	5.07	25.42	4641.19	249.33 N	121.32 E	-121.19	0.15
4748.00	4.99	28.39	4735.82	256.76 N	125.09 E	-124.96	0.29
4842.00	4.91	31.44	4829.47	263.79 N	129.13 E	-129.00	0.29
4937.00	4.57	28.72	4924.15	270.58 N	133.08 E	-132.94	0.43
5001.00	4.40	27.07	4987.95	275.01 N	135.42 E	-135.28	0.34
5041.00	4.49	26.68	5027.83	277.77 N	136.82 E	-136.68	0.25
5135.00	4.57	30.53	5121.54	284.28 N	140.37 E	-140.23	0.33
5229.00	4.78	31.63	5215.23	290.84 N	144.33 E	-144.18	0.25
5323.00	4.79	29.54	5308.90	297.59 N	148.32 E	-148.16	0.19
5418.00	4.15	21.77	5403.61	304.23 N	151.54 E	-151.39	0.93
5512.00	3.24	14.83	5497.41	309.95 N	153.48 E	-153.32	1.08
5606.00	2.41	8.41	5591.30	314.47 N	154.45 E	-154.29	0.94
5701.00	1.61	347.91	5686.24	317.74 N	154.46 E	-154.30	1.12
5796.00	1.18	311.46	5781.22	319.69 N	153.45 E	-153.29	1.01
5891.00	1.34	275.10	5876.19	320.44 N	151.61 E	-151.44	0.84
5985.00	1.25	255.20	5970.17	320.28 N	149.52 E	-149.36	0.49
6080.00	1.26	229.23	6065.15	319.33 N	147.73 E	-147.56	0.59
6175.00	1.65	204.44	6160.12	317.39 N	146.37 E	-146.20	0.77
6269.00	1.54	193.55	6254.08	314.93 N	145.51 E	-145.35	0.34
6364.00	1.49	170.28	6349.05	312.47 N	145.42 E	-145.26	0.65
6458.00	1.49	148.53	6443.02	310.23 N	146.27 E	-146.10	0.60
6552.00	1.21	134.30	6536.99	308.49 N	147.61 E	-147.45	0.46
6646.00	0.90	105.45	6630.98	307.60 N	149.03 E	-148.87	0.64
6740.00	0.64	83.63	6724.97	307.47 N	150.27 E	-150.11	0.41
6834.00	0.40	69.80	6818.97	307.64 N	151.10 E	-150.94	0.28
6929.00	0.29	63.61	6913.96	307.86 N	151.62 E	-151.46	0.13
7023.00	0.33	23.14	7007.96	308.21 N	151.94 E	-151.78	0.23
7118.00	0.31	12.76	7102.96	308.71 N	152.11 E	-151.94	0.06
7212.00	0.18	25.19	7196.96	309.10 N	152.22 E	-152.06	0.15
7306.00	0.16	49.01	7290.96	309.32 N	152.39 E	-152.23	0.08
7401.00	0.12	351.56	7385.96	309.50 N	152.47 E	-152.31	0.15
7495.00	0.14	250.34	7479.96	309.57 N	152.35 E	-152.19	0.22
7589.00	0.37	213.76	7573.96	309.28 N	152.07 E	-151.91	0.28
7684.00	0.59	197.85	7668.96	308.56 N	151.75 E	-151.59	0.27
7778.00	0.51	213.14	7762.95	307.75 N	151.38 E	-151.21	0.18
7872.00	0.66	240.16	7856.95	307.13 N	150.68 E	-150.52	0.33
7966.00	0.57	232.34	7950.94	306.57 N	149.84 E	-149.68	0.13
8061.00	0.44	166.56	8045.94	305.93 N	149.54 E	-149.38	0.59
8155.00	0.74	178.23	8139.93	304.98 N	149.65 E	-149.49	0.35
8250.00	0.61	179.51	8234.93	303.86 N	149.67 E	-149.51	0.13
8345.00	0.29	225.28	8329.92	303.18 N	149.51 E	-149.35	0.49
8439.00	0.38	261.32	8423.92	302.97 N	149.03 E	-148.87	0.24
8533.00	0.84	343.16	8517.92	303.58 N	148.53 E	-148.37	0.93
8628.00	1.66	12.55	8612.89	305.59 N	148.62 E	-148.46	1.06
8669.00	1.56	20.78	8653.88	306.69 N	148.95 E	-148.79	0.61
8764.00	1.65	25.55	8748.84	309.14 N	150.00 E	-149.83	0.17
8858.00	1.43	17.55	8842.81	311.48 N	150.93 E	-150.77	0.33
8953.00	0.91	313.61	8937.79	313.13 N	150.74 E	-150.58	1.38
9047.00	0.56	294.45	9031.78	313.83 N	149.79 E	-149.62	0.45
9089.00	0.53	301.46	9073.78	314.02 N	149.43 E	-149.27	0.17
9136.00	3.18	277.31	9120.75	314.30 N	147.95 E	-147.79	5.76
9183.00	10.58	275.63	9167.38	314.89 N	142.36 E	-142.20	15.75

Big Eddy Unit 29W Vader 103H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
9230.00	19.91	277.02	9212.68	316.29 N	130.10 E	-129.93	19.86
9278.00	27.98	280.00	9256.51	319.25 N	110.86 E	-110.70	17.00
9325.00	28.14	279.86	9297.99	323.06 N	89.09 E	-88.92	0.37
9372.00	30.50	277.09	9338.97	326.43 N	66.33 E	-66.16	5.79
9419.00	33.46	274.71	9378.83	328.97 N	41.57 E	-41.40	6.84
9467.00	35.40	273.87	9418.42	331.00 N	14.51 E	-14.34	4.16
9514.00	36.91	272.41	9456.37	332.51 N	13.18 W	13.35	3.70
9561.00	40.01	272.29	9493.17	333.70 N	42.38 W	42.56	6.60
9608.00	43.43	273.51	9528.24	335.30 N	73.61 W	73.79	7.48
9655.00	48.97	272.37	9560.76	337.02 N	107.48 W	107.65	11.92
9702.00	51.02	270.27	9590.98	337.84 N	143.46 W	143.64	5.54
9750.00	52.85	266.86	9620.58	336.88 N	181.23 W	181.41	6.77
9797.00	56.52	265.23	9647.74	334.22 N	219.48 W	219.66	8.31
9842.00	61.48	266.39	9670.91	331.42 N	257.94 W	258.11	11.24
9891.00	67.62	268.95	9691.96	329.64 N	302.12 W	302.29	13.39
9939.00	74.34	270.94	9707.60	329.62 N	347.47 W	347.64	14.54
9986.00	80.47	272.07	9717.84	330.83 N	393.30 W	393.48	13.25
10033.00	85.90	273.51	9723.42	333.10 N	439.90 W	440.07	11.95
10080.00	88.92	273.70	9725.54	336.05 N	486.75 W	486.93	6.44
10108.00	90.68	273.49	9725.64	337.81 N	514.69 W	514.87	6.33
10196.00	93.82	272.86	9722.18	342.68 N	602.48 W	602.66	3.64
10291.00	94.07	267.81	9715.64	343.23 N	697.22 W	697.40	5.31
10385.00	92.62	268.09	9710.16	339.88 N	791.00 W	791.18	1.57
10480.00	92.06	268.32	9706.28	336.90 N	885.87 W	886.05	0.64
10574.00	90.81	268.24	9703.92	334.08 N	979.80 W	979.97	1.33
10668.00	90.76	268.32	9702.64	331.26 N	1073.75 W	1073.92	0.10
10763.00	90.73	268.30	9701.40	328.46 N	1168.70 W	1168.87	0.04
10857.00	91.13	268.28	9699.88	325.65 N	1262.64 W	1262.81	0.43
10951.00	90.89	268.23	9698.22	322.79 N	1356.59 W	1356.75	0.26
11048.00	90.76	268.18	9696.82	319.75 N	1453.53 W	1453.69	0.14
11143.00	90.70	268.93	9695.61	317.36 N	1548.49 W	1548.66	0.79
11237.00	90.55	269.07	9694.59	315.72 N	1642.47 W	1642.63	0.22
11332.00	90.78	269.36	9693.48	314.42 N	1737.45 W	1737.62	0.39
11427.00	90.26	269.01	9692.62	313.07 N	1832.44 W	1832.60	0.66
11522.00	90.36	268.96	9692.11	311.38 N	1927.42 W	1927.59	0.12
11617.00	90.86	269.26	9691.10	309.91 N	2022.41 W	2022.57	0.61
11712.00	90.74	270.18	9689.77	309.44 N	2117.39 W	2117.56	0.98
11806.00	91.00	269.69	9688.34	309.34 N	2211.38 W	2211.54	0.59
11901.00	89.73	269.86	9687.74	308.96 N	2306.38 W	2306.54	1.35
11996.00	89.94	269.86	9688.01	308.73 N	2401.38 W	2401.54	0.22
12091.00	90.08	269.49	9688.00	308.19 N	2496.38 W	2496.54	0.42
12186.00	90.12	269.47	9687.83	307.33 N	2591.37 W	2591.53	0.05
12281.00	90.83	270.25	9687.04	307.10 N	2686.37 W	2686.53	1.11
12376.00	90.58	269.99	9685.87	307.30 N	2781.36 W	2781.52	0.38
12471.00	90.53	270.42	9684.95	307.64 N	2876.35 W	2876.52	0.46
12566.00	90.71	270.31	9683.92	308.24 N	2971.35 W	2971.51	0.22
12660.00	90.03	269.91	9683.32	308.42 N	3065.34 W	3065.51	0.84
12755.00	90.21	270.26	9683.12	308.56 N	3160.34 W	3160.50	0.41
12850.00	90.34	270.18	9682.66	308.93 N	3255.34 W	3255.50	0.16
12945.00	90.86	269.93	9681.67	309.02 N	3350.34 W	3350.50	0.61
13040.00	90.55	270.34	9680.50	309.24 N	3445.33 W	3445.49	0.54
13135.00	90.49	270.25	9679.64	309.73 N	3540.32 W	3540.48	0.11
13230.00	90.52	270.24	9678.80	310.14 N	3635.32 W	3635.48	0.03
13325.00	90.87	270.37	9677.65	310.64 N	3730.31 W	3730.47	0.39
13419.00	91.00	270.22	9676.11	311.13 N	3824.30 W	3824.46	0.21

Big Eddy Unit 29W Vader 103H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
13514.00	90.94	270.17	9674.51	311.45 N	3919.28 W	3919.44	0.08
13609.00	91.72	270.07	9672.30	311.65 N	4014.26 W	4014.42	0.83
13704.00	91.07	270.07	9669.99	311.76 N	4109.23 W	4109.39	0.68
13799.00	90.56	269.97	9668.64	311.80 N	4204.22 W	4204.38	0.55
13894.00	90.99	269.93	9667.35	311.71 N	4299.21 W	4299.37	0.45
13989.00	90.54	270.01	9666.08	311.66 N	4394.20 W	4394.36	0.48
14084.00	90.88	269.83	9664.91	311.53 N	4489.19 W	4489.35	0.40
14179.00	90.66	269.77	9663.63	311.20 N	4584.18 W	4584.34	0.24
14274.00	90.93	269.89	9662.31	310.92 N	4679.17 W	4679.33	0.31
14370.00	90.70	269.91	9660.95	310.75 N	4775.16 W	4775.32	0.24
14464.00	90.59	269.93	9659.89	310.62 N	4869.16 W	4869.32	0.12
14559.00	90.39	269.77	9659.08	310.37 N	4964.15 W	4964.31	0.27
14654.00	90.50	269.73	9658.34	309.96 N	5059.15 W	5059.31	0.12
14749.00	90.25	270.04	9657.72	309.77 N	5154.15 W	5154.31	0.42
14844.00	90.35	269.96	9657.22	309.77 N	5249.15 W	5249.31	0.13
14938.00	90.57	270.00	9656.46	309.73 N	5343.14 W	5343.30	0.24
15033.00	89.74	270.01	9656.21	309.74 N	5438.14 W	5438.30	0.87
15128.00	89.60	269.71	9656.75	309.51 N	5533.14 W	5533.30	0.35
15222.00	89.93	270.22	9657.14	309.45 N	5627.14 W	5627.30	0.65
15317.00	88.99	269.87	9658.04	309.53 N	5722.13 W	5722.29	1.06
15412.00	89.64	270.03	9659.17	309.44 N	5817.13 W	5817.29	0.70
15507.00	89.93	269.93	9659.53	309.41 N	5912.12 W	5912.29	0.32
15602.00	89.33	269.94	9660.14	309.30 N	6007.12 W	6007.28	0.63
15696.00	90.27	270.06	9660.47	309.30 N	6101.12 W	6101.28	1.01
15791.00	90.13	270.12	9660.14	309.45 N	6196.12 W	6196.28	0.16
15886.00	90.72	270.14	9659.43	309.67 N	6291.12 W	6291.28	0.62
15981.00	91.02	269.92	9657.99	309.72 N	6386.11 W	6386.27	0.39
16076.00	90.59	270.02	9656.66	309.67 N	6481.10 W	6481.26	0.46
16170.00	90.58	270.11	9655.70	309.77 N	6575.09 W	6575.25	0.10
16265.00	90.54	269.89	9654.77	309.77 N	6670.09 W	6670.25	0.24
16360.00	91.24	269.94	9653.29	309.63 N	6765.07 W	6765.23	0.74
16455.00	91.90	269.70	9650.69	309.33 N	6860.04 W	6860.20	0.74
16549.00	92.08	269.82	9647.42	308.94 N	6953.98 W	6954.14	0.23
16644.00	90.82	270.14	9645.02	308.91 N	7048.95 W	7049.11	1.37
16739.00	91.43	270.08	9643.16	309.09 N	7143.93 W	7144.09	0.65
16834.00	90.67	269.96	9641.42	309.12 N	7238.91 W	7239.07	0.81
16929.00	90.78	270.08	9640.21	309.15 N	7333.90 W	7334.06	0.17
17023.00	91.12	269.95	9638.65	309.18 N	7427.89 W	7428.05	0.39
17118.00	90.84	269.90	9637.03	309.06 N	7522.88 W	7523.04	0.30
17213.00	90.59	270.22	9635.84	309.15 N	7617.87 W	7618.03	0.43
17308.00	90.55	270.45	9634.90	309.71 N	7712.86 W	7713.02	0.25
17403.00	90.42	270.21	9634.09	310.26 N	7807.86 W	7808.02	0.29
17498.00	90.49	270.41	9633.34	310.77 N	7902.85 W	7903.01	0.22
17593.00	89.72	270.21	9633.17	311.28 N	7997.85 W	7998.01	0.84
17688.00	90.36	270.38	9633.10	311.77 N	8092.85 W	8093.01	0.70
17783.00	90.01	270.31	9632.79	312.35 N	8187.85 W	8188.01	0.38
17877.00	90.62	269.90	9632.28	312.52 N	8281.84 W	8282.01	0.78
17972.00	91.37	271.06	9630.63	313.31 N	8376.82 W	8376.99	1.45
18067.00	91.65	270.48	9628.12	314.59 N	8471.78 W	8471.95	0.68
18161.00	90.46	269.95	9626.39	314.94 N	8565.76 W	8565.93	1.39
18256.00	89.10	270.25	9626.76	315.11 N	8660.76 W	8660.92	1.47
18351.00	90.13	269.98	9627.40	315.30 N	8755.76 W	8755.92	1.12
18446.00	91.03	269.35	9626.43	314.74 N	8850.75 W	8850.91	1.16
18541.00	88.51	269.05	9626.82	313.42 N	8945.73 W	8945.89	2.67
18636.00	90.27	269.20	9627.83	311.97 N	9040.71 W	9040.87	1.86

Big Eddy Unit 29W Vader 103H

Measured Depth (feet)	Inclination (degrees)	Direction (degrees)	Vertical Depth (feet)	Latitude (feet)	Departure (feet)	Vertical Section (feet)	Dogleg (deg/100ft)
18730.00	91.70	270.07	9626.21	311.37 N	9134.69 W	9134.85	1.78
18826.00	92.10	269.69	9623.03	311.17 N	9230.64 W	9230.80	0.57
18920.00	91.36	269.91	9620.19	310.84 N	9324.59 W	9324.76	0.82
19015.00	91.44	269.87	9617.87	310.66 N	9419.57 W	9419.73	0.09
19110.00	91.55	270.19	9615.39	310.71 N	9514.53 W	9514.69	0.36
19205.00	91.86	270.01	9612.56	310.87 N	9609.49 W	9609.65	0.38
19300.00	91.57	269.75	9609.72	310.67 N	9704.45 W	9704.61	0.41
19394.00	89.66	269.92	9608.71	310.40 N	9798.44 W	9798.60	2.04
19489.00	92.19	270.70	9607.18	310.92 N	9893.42 W	9893.58	2.79
19584.00	90.24	269.67	9605.16	311.22 N	9988.39 W	9988.55	2.32
19679.00	88.45	269.74	9606.25	310.73 N	10083.38 W	10083.54	1.89
19774.00	89.34	270.43	9608.08	310.87 N	10178.36 W	10178.52	1.19
19868.00	90.29	270.29	9608.39	311.46 N	10272.35 W	10272.52	1.02
19963.00	91.21	270.29	9607.14	311.94 N	10367.34 W	10367.50	0.97
20058.00	91.31	270.21	9605.05	312.36 N	10462.32 W	10462.48	0.13
20152.00	91.62	270.56	9602.65	312.99 N	10556.29 W	10556.45	0.50
20247.00	90.46	270.06	9600.93	313.50 N	10651.27 W	10651.43	1.33
20342.00	91.04	270.31	9599.68	313.81 N	10746.26 W	10746.42	0.66
20437.00	90.81	269.97	9598.15	314.04 N	10841.25 W	10841.41	0.43
20460.00	90.81	269.97	9597.82	314.03 N	10864.24 W	10864.41	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 6.77 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 20460.00 FEET
IS 10868.78 FEET ALONG 271.66 DEGREES (GRID)

THE LAST SURVEY IS A PROJECTION TO THE BIT FROM SURVEY AT 20437' MD.

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: 103H		
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		349	South	325	West	Lea
BH:	4	18	20S	32e		661	South	35	West	Lea
13. Date Spudded 1/25/2020	14. Date T.D. Reached 2/19/2020		15. Date Rig Released 2/23/2020		16. Date Completed (Ready to Produce) 4/7/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3513 GL		
18. Total Measured Depth of Well 20,460			19. Plug Back Measured Depth 20,456		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,046 - 20,324 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		1095'		24"		2035		
13 3/8"		68.0		2,495'		17 1/2"		1745		
9 5/8"		40.0		5,011'		12 1/4"		2000		
5 1/2"		20.0		20,458		8 3/4"		3415		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2 7/8"	8,989	8,966			
26. Perforation record (interval, size, and number) 10,046 TO 20,324 4spf, 1229 Total Shots 51 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					10,046 - 20,324		333,422 bbl fluid + 15,348,709 lbs proppant			
28. PRODUCTION										
Date First Production 4/8/2021		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 4/30/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 934	Gas - MCF 715	Water - Bbl. 1937	Gas - Oil Ratio 765			
Flow Tubing Press. 222	Casing Pressure 197	Calculated 24-Hour Rate	Oil - Bbl. 934	Gas - MCF 715	Water - Bbl. 1937	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 		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 438'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3124'	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 3,342'	T. Morrison	
T. Drinkard	T. Bone Springs 7,019'	T. Todilto	
T. Abo	T. Rustler 239'	T. Entrada	
T. Wolfcamp 10,383'	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 31057

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31057
	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.

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Phone:(505) 334-6178 Fax:(505) 334-6170

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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 31057

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31057
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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