

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 - 025-46543	⁵ Pool Name SALT LAKE: BONE SPRING	⁶ Pool Code 53560
⁷ Property Code 327077	⁸ Property Name BIG EDDY UNIT 29E VADER	⁹ Well Number 107H

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		124	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
H	21	20S	32E		1993	North	15	East	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 4/20/2020	²² Ready Date 4/15/2021	²³ TD 15564 MD 9718 TVD	²⁴ PBDT 15562 MD 9718 TVD	²⁵ Perforations 10,413 - 15,435	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24.0	18.625	998	2005		
17.5	13.375	2507	1830		
12.25	9.625	5123	1605		
8.75	5.5/2.875	15564 /9134	2025		

V. Well Test Data

³¹ Date New Oil 4/16/2021	³² Gas Delivery Date 5/02/2021	³³ Test Date 5/02/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 218	³⁶ Csg. Pressure 195
³⁷ Choke Size	³⁸ Oil 703	³⁹ Water 2450	⁴⁰ Gas 637		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:

08/09/2021

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 30-025-46543	² Pool Code 53560	³ Pool Name SALT LAKE; BONE SPRING
⁴ Property Code 327077	⁵ Property Name BIG EDDY UNIT 29E VADER	⁶ Well Number 107H
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		124	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
H	21	20 S	32 E		1,993	NORTH	15	EAST	LEA

¹² Dedicated Acres 160	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.

¹⁶				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. <i>Cassie Evans</i> 06/07/2021 Signature Date Cassie Evans 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 2019072125					

Intent ☐ As Drilled ☒

API # 30-025-46543		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: BIG EDDY UNIT 29E VADER	Well Number 107H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	20	20S	32E		1,835	FNL	462	FEL	EDDY
Latitude 32.560943					Longitude 103.781347				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	21	20S	32E		1,998	FNL	134	FWL	EDDY
Latitude 32.560486					Longitude 103.779410				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	21	20S	32E		1,990	FNL	144	FEL	EDDY
Latitude 32.560508					Longitude 103.763115				NAD 83

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

3950 Interwood S. Pkwy • Houston, TX 77032
PHONE 281.986.4400 • FAX 281.986.4499

State of New Mexico, Lea County

I, Efren Pico certify that I am employed by Halliburton Energy Services, Inc. (aka Sperry Drilling) and that on the dates of April 20, 2020 through May 11, 2020, I did conduct or supervise the taking of MWD directional surveys for the Big Eddy Unit 29E Vader 107H well from a depth of 203' MD to a depth of 15483' MD. This data is true, correct, complete and within the limitations of the tools as set forth by Halliburton Energy Services, Inc. (aka Sperry Drilling). I am authorized and qualified to make this report and these surveys were conducted at the request of XTO Energy Inc., for the Big Eddy Unit 29E Vader 107H well in Lea County. I have reviewed this report and find that it confirms to the principles and procedures as set forth by Halliburton Energy Services, Inc. (aka Sperry Drilling.)



Efren Pico
Field Engineer

HALLIBURTON

DIRECTIONAL SURVEY REPORT

XTO Energy Inc.
Big Eddy Unit 29E Vader 107H
Lea County, NM (NAD27)
Lea County New Mexico
USA
MO-XX-0906369264
Engineer: Efen Pico

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
203.00	0.19	19.59	203.00	0.31 N	0.11 E	0.11	0.09
236.00	0.19	30.15	236.00	0.41 N	0.16 E	0.16	0.11
297.00	0.18	72.98	297.00	0.53 N	0.30 E	0.30	0.23
388.00	0.22	150.93	388.00	0.42 N	0.52 E	0.52	0.28
479.00	0.28	163.36	479.00	0.05 N	0.67 E	0.67	0.09
571.00	0.25	188.52	571.00	0.37 S	0.71 E	0.71	0.13
662.00	0.26	209.76	662.00	0.74 S	0.58 E	0.57	0.10
752.00	0.25	231.87	752.00	1.04 S	0.32 E	0.31	0.11
841.00	0.16	245.93	840.99	1.22 S	0.05 E	0.05	0.12
931.00	0.13	214.62	930.99	1.35 S	0.12 W	-0.12	0.09
977.00	0.07	216.36	976.99	1.41 S	0.16 W	-0.17	0.13
1025.00	0.24	193.47	1024.99	1.54 S	0.20 W	-0.21	0.37
1115.00	0.07	169.19	1114.99	1.77 S	0.24 W	-0.25	0.20
1205.00	0.22	148.58	1204.99	1.97 S	0.14 W	-0.15	0.17
1294.00	0.26	150.86	1293.99	2.29 S	0.05 E	0.04	0.05
1384.00	0.33	143.41	1383.99	2.69 S	0.30 E	0.29	0.09
1474.00	0.26	147.26	1473.99	3.07 S	0.57 E	0.56	0.08
1563.00	0.16	111.12	1562.99	3.29 S	0.80 E	0.78	0.19
1653.00	0.07	103.89	1652.99	3.35 S	0.97 E	0.95	0.10
1742.00	0.75	72.18	1741.99	3.18 S	1.57 E	1.56	0.77
1832.00	1.68	68.74	1831.97	2.52 S	3.36 E	3.35	1.04
1922.00	2.01	65.24	1921.92	1.38 S	6.03 E	6.02	0.39
2011.00	1.76	68.18	2010.87	0.22 S	8.71 E	8.71	0.30
2101.00	1.55	67.81	2100.83	0.75 N	11.12 E	11.13	0.23
2190.00	0.92	93.20	2189.81	1.17 N	12.95 E	12.96	0.93
2280.00	1.40	168.24	2279.80	0.05 N	13.89 E	13.89	1.62
2370.00	2.21	186.22	2369.75	2.75 S	13.93 E	13.91	1.09
2444.00	2.17	185.05	2443.70	5.56 S	13.65 E	13.62	0.09
2561.00	1.96	192.24	2560.62	9.72 S	13.03 E	12.98	0.28
2638.00	2.91	196.14	2637.55	12.88 S	12.21 E	12.14	1.24
2728.00	4.98	199.91	2727.34	18.75 S	10.24 E	10.14	2.32
2818.00	7.11	199.97	2816.83	27.66 S	7.01 E	6.87	2.37
2907.00	9.48	199.86	2904.89	39.73 S	2.64 E	2.43	2.66
2996.00	11.81	199.83	2992.35	55.19 S	2.94 W	-3.23	2.61
3086.00	14.17	198.80	3080.05	74.28 S	9.62 W	-10.01	2.64
3175.00	16.48	200.05	3165.88	96.46 S	17.46 W	-17.96	2.62
3265.00	18.58	202.02	3251.69	121.75 S	27.21 W	-27.85	2.43
3355.00	19.72	202.20	3336.71	149.10 S	38.33 W	-39.11	1.27
3444.00	19.74	200.61	3420.48	177.07 S	49.29 W	-50.22	0.60
3533.00	19.77	200.95	3504.24	205.20 S	59.97 W	-61.04	0.14
3623.00	19.90	200.89	3588.90	233.73 S	70.87 W	-72.09	0.14
3712.00	19.80	200.63	3672.62	261.98 S	81.58 W	-82.95	0.15
3802.00	19.67	200.47	3757.33	290.44 S	92.25 W	-93.77	0.15
3891.00	19.58	200.47	3841.16	318.45 S	102.70 W	-104.37	0.10
3981.00	19.73	200.36	3925.92	346.82 S	113.26 W	-115.08	0.16
4070.00	19.61	200.65	4009.72	374.87 S	123.76 W	-125.72	0.18
4160.00	19.61	201.01	4094.51	403.10 S	134.50 W	-136.60	0.13
4249.00	19.08	201.89	4178.48	430.54 S	145.27 W	-147.52	0.67
4338.00	18.89	201.43	4262.64	457.45 S	155.96 W	-158.35	0.27
4428.00	18.87	201.42	4347.80	484.56 S	166.60 W	-169.14	0.02
4517.00	18.87	201.53	4432.01	511.35 S	177.14 W	-179.82	0.04
4607.00	18.87	202.55	4517.18	538.32 S	188.06 W	-190.88	0.37
4696.00	18.82	202.05	4601.41	564.92 S	198.97 W	-201.93	0.19
4786.00	18.77	202.72	4686.61	591.73 S	210.01 W	-213.11	0.25

4875.00	18.73	202.59	4770.89	618.12 S	221.03 W	-224.26	0.06
5054.00	18.25	202.47	4940.60	670.76 S	242.69 W	-246.20	0.39
5150.00	17.63	203.36	5031.93	697.99 S	254.20 W	-257.85	0.70
5239.00	17.24	202.74	5116.84	722.54 S	264.64 W	-268.42	0.48
5329.00	16.79	202.81	5202.90	746.82 S	274.84 W	-278.74	0.51
5418.00	17.90	202.76	5287.85	771.28 S	285.11 W	-289.15	1.26
5508.00	21.25	202.03	5372.64	799.17 S	296.59 W	-300.77	3.73
5597.00	20.84	202.33	5455.70	828.76 S	308.66 W	-312.99	0.48
5687.00	19.77	201.68	5540.10	857.72 S	320.36 W	-324.85	1.22
5776.00	18.77	201.28	5624.12	885.04 S	331.12 W	-335.75	1.14
5866.00	18.21	201.20	5709.47	911.64 S	341.46 W	-346.23	0.62
5955.00	17.41	201.62	5794.21	936.98 S	351.39 W	-356.29	0.91
6045.00	16.69	201.01	5880.25	961.57 S	360.99 W	-366.02	0.82
6134.00	16.45	201.27	5965.56	985.24 S	370.14 W	-375.30	0.28
6223.00	18.14	202.30	6050.53	1009.81 S	379.97 W	-385.26	1.93
6313.00	17.22	202.47	6136.27	1035.09 S	390.38 W	-395.80	1.03
6402.00	18.32	205.24	6221.03	1059.92 S	401.38 W	-406.92	1.56
6492.00	18.01	205.41	6306.54	1085.27 S	413.38 W	-419.06	0.36
6582.00	18.49	204.37	6392.02	1110.84 S	425.24 W	-431.05	0.65
6671.00	19.97	202.00	6476.05	1137.79 S	436.76 W	-442.71	1.88
6760.00	18.53	202.61	6560.07	1164.94 S	447.89 W	-453.98	1.63
6850.00	19.00	203.57	6645.29	1191.57 S	459.25 W	-465.48	0.62
6939.00	19.67	205.35	6729.27	1218.39 S	471.45 W	-477.83	1.01
7029.00	18.56	205.10	6814.30	1245.05 S	484.02 W	-490.53	1.24
7118.00	20.47	206.15	6898.18	1271.85 S	496.88 W	-503.54	2.18
7208.00	22.18	206.06	6982.02	1301.25 S	511.28 W	-518.09	1.90
7297.00	22.04	206.09	7064.47	1331.33 S	526.01 W	-532.97	0.16
7387.00	21.95	205.71	7147.93	1361.65 S	540.73 W	-547.85	0.19
7476.00	20.23	200.14	7230.97	1391.08 S	553.24 W	-560.52	2.96
7566.00	19.46	198.08	7315.63	1419.94 S	563.25 W	-570.68	1.15
7655.00	19.19	198.16	7399.61	1447.94 S	572.41 W	-579.98	0.31
7744.00	17.87	197.59	7484.00	1474.85 S	581.09 W	-588.81	1.50
7834.00	17.66	199.89	7569.71	1500.85 S	589.91 W	-597.76	0.81
7923.00	16.14	200.36	7654.86	1525.14 S	598.81 W	-606.79	1.72
8012.00	16.18	201.43	7740.35	1548.28 S	607.64 W	-615.74	0.34
8102.00	15.78	202.84	7826.87	1571.23 S	616.97 W	-625.19	0.62
8191.00	17.02	200.33	7912.25	1594.59 S	626.20 W	-634.54	1.61
8281.00	18.38	203.92	7997.99	1619.92 S	636.53 W	-645.00	1.94
8371.00	17.82	207.78	8083.54	1645.07 S	648.70 W	-657.30	1.47
8460.00	18.13	204.33	8168.20	1669.74 S	660.75 W	-669.48	1.25
8550.00	20.62	204.36	8253.10	1696.94 S	673.05 W	-681.93	2.77
8640.00	18.89	203.62	8337.80	1724.72 S	685.43 W	-694.45	1.95
8729.00	17.61	200.96	8422.32	1750.50 S	696.01 W	-705.17	1.71
8818.00	16.80	201.57	8507.33	1775.03 S	705.56 W	-714.84	0.94
8908.00	18.79	202.15	8593.02	1800.56 S	715.81 W	-725.23	2.23
8997.00	22.02	200.89	8676.43	1829.43 S	727.17 W	-736.74	3.66
9087.00	20.42	201.18	8760.32	1859.84 S	738.86 W	-748.59	1.78
9176.00	21.88	202.74	8843.32	1889.62 S	750.88 W	-760.77	1.76
9266.00	20.82	202.46	8927.14	1919.87 S	763.48 W	-773.52	1.18
9340.00	19.00	202.16	8996.72	1943.18 S	773.05 W	-783.21	2.47
9395.00	17.30	198.12	9048.98	1959.25 S	778.97 W	-789.22	3.85
9440.00	16.16	168.93	9092.15	1971.77 S	779.85 W	-790.16	18.65
9485.00	19.37	141.90	9135.07	1983.82 S	774.03 W	-784.41	19.46
9529.00	21.85	131.90	9176.27	1995.03 S	763.43 W	-773.86	9.77
9574.00	22.66	132.03	9217.91	2006.43 S	750.76 W	-761.25	1.80
9619.00	24.85	131.39	9259.10	2018.48 S	737.22 W	-747.78	4.90
9664.00	26.23	128.63	9299.70	2030.95 S	722.36 W	-732.98	4.05
9708.00	26.17	126.45	9339.18	2042.78 S	706.96 W	-717.64	2.19
9753.00	26.66	121.40	9379.49	2053.94 S	690.35 W	-701.10	5.11
9798.00	28.79	113.57	9419.33	2063.54 S	671.80 W	-682.59	9.37
9843.00	31.13	110.00	9458.32	2071.85 S	650.93 W	-661.77	6.54
9887.00	35.14	107.16	9495.16	2079.48 S	628.13 W	-639.01	9.77
9932.00	40.85	104.16	9530.61	2086.91 S	601.46 W	-612.38	13.33
9977.00	46.86	101.48	9563.05	2093.78 S	571.08 W	-582.03	13.98
10022.00	50.40	100.39	9592.79	2100.18 S	537.92 W	-548.91	8.07
10066.00	53.50	99.19	9619.90	2106.06 S	503.78 W	-514.80	7.37
10111.00	56.67	97.48	9645.66	2111.40 S	467.28 W	-478.33	7.70
10156.00	62.05	94.99	9668.58	2115.58 S	428.80 W	-439.88	12.87
10201.00	68.58	93.48	9687.37	2118.58 S	388.05 W	-399.14	14.83
10245.00	73.02	92.05	9701.84	2120.58 S	346.56 W	-357.66	10.55
10290.00	76.64	91.73	9713.61	2122.01 S	303.16 W	-314.26	8.07
10335.00	80.04	91.54	9722.70	2123.27 S	259.11 W	-270.23	7.57
10380.00	83.22	90.02	9728.51	2123.87 S	214.51 W	-225.63	11.77
10425.00	89.60	88.76	9730.58	2123.39 S	169.57 W	-180.69	10.34

10470.00	90.84	89.05	9730.61	2122.53 S	124.58 W	-135.69	1.77
10559.00	92.63	89.50	9728.30	2121.40 S	35.62 W	-46.73	2.62
10649.00	91.20	89.46	9725.29	2120.59 S	54.32 E	43.22	1.59
10738.00	89.11	88.14	9725.05	2118.72 S	143.30 E	132.20	2.78
10828.00	89.91	87.95	9725.82	2115.65 S	233.24 E	222.16	0.91
10918.00	89.30	88.90	9726.44	2113.18 S	323.20 E	312.13	1.25
11007.00	89.97	89.47	9727.01	2111.91 S	412.19 E	401.13	0.99
11096.00	89.23	90.00	9727.63	2111.50 S	501.19 E	490.12	1.02
11186.00	88.99	90.52	9729.03	2111.91 S	591.17 E	580.11	0.64
11275.00	91.18	91.14	9728.90	2113.20 S	680.16 E	669.08	2.56
11365.00	90.75	90.59	9727.38	2114.56 S	770.13 E	759.05	0.78
11454.00	90.40	89.27	9726.49	2114.45 S	859.13 E	848.04	1.53
11544.00	90.53	88.10	9725.76	2112.38 S	949.10 E	938.03	1.31
11633.00	89.01	87.92	9726.12	2109.29 S	1038.04 E	1026.98	1.72
11723.00	90.25	88.20	9726.70	2106.25 S	1127.99 E	1116.94	1.41
11812.00	91.11	88.62	9725.64	2103.78 S	1216.95 E	1205.91	1.08
11901.00	89.42	88.85	9725.23	2101.81 S	1305.92 E	1294.90	1.92
11991.00	90.90	88.77	9724.98	2099.94 S	1395.90 E	1384.88	1.65
12080.00	90.53	89.26	9723.87	2098.41 S	1484.88 E	1473.87	0.69
12170.00	90.56	90.38	9723.01	2098.13 S	1574.87 E	1563.86	1.24
12259.00	89.85	89.54	9722.69	2098.07 S	1663.87 E	1652.86	1.24
12349.00	89.94	89.45	9722.86	2097.28 S	1753.87 E	1742.86	0.14
12439.00	89.14	89.47	9723.58	2096.43 S	1843.86 E	1832.85	0.89
12528.00	90.15	89.62	9724.13	2095.72 S	1932.85 E	1921.85	1.15
12617.00	89.20	90.54	9724.64	2095.85 S	2021.85 E	2010.85	1.49
12707.00	90.96	90.90	9724.51	2096.98 S	2111.84 E	2100.83	2.00
12799.00	90.89	90.83	9723.03	2098.37 S	2203.81 E	2192.80	0.11
12888.00	87.90	91.88	9723.97	2100.47 S	2292.77 E	2281.74	3.56
12978.00	87.06	90.74	9727.92	2102.52 S	2382.66 E	2371.62	1.57
13068.00	86.91	89.29	9732.66	2102.55 S	2472.53 E	2461.49	1.62
13157.00	88.42	88.71	9736.28	2101.00 S	2561.44 E	2550.41	1.82
13246.00	87.96	88.20	9739.09	2098.60 S	2650.37 E	2639.34	0.77
13336.00	90.44	88.17	9740.35	2095.75 S	2740.31 E	2729.29	2.76
13425.00	89.32	87.42	9740.54	2092.32 S	2829.24 E	2818.24	1.51
13514.00	89.63	87.41	9741.35	2088.31 S	2918.14 E	2907.17	0.35
13604.00	91.27	88.70	9740.65	2085.26 S	3008.08 E	2997.12	2.32
13693.00	90.19	88.89	9739.51	2083.38 S	3097.05 E	3086.10	1.23
13783.00	90.13	89.64	9739.26	2082.23 S	3187.05 E	3176.10	0.84
13872.00	91.05	89.46	9738.34	2081.53 S	3276.04 E	3265.09	1.05
13961.00	89.54	88.97	9737.89	2080.31 S	3365.03 E	3354.09	1.78
14051.00	90.46	89.64	9737.89	2079.22 S	3455.02 E	3444.08	1.26
14140.00	91.92	89.84	9736.04	2078.82 S	3543.99 E	3533.06	1.66
14230.00	91.67	89.50	9733.22	2078.30 S	3633.95 E	3623.02	0.47
14320.00	91.45	89.45	9730.77	2077.47 S	3723.91 E	3712.98	0.25
14409.00	90.56	89.01	9729.21	2076.28 S	3812.89 E	3801.96	1.12
14499.00	89.82	90.32	9728.91	2075.75 S	3902.88 E	3891.96	1.67
14588.00	89.69	90.69	9729.29	2076.54 S	3991.88 E	3980.95	0.44
14678.00	89.42	90.79	9729.99	2077.70 S	4081.87 E	4070.93	0.32
14767.00	89.54	90.65	9730.80	2078.82 S	4170.86 E	4159.92	0.21
14857.00	89.72	90.77	9731.38	2079.93 S	4260.85 E	4249.90	0.24
14947.00	90.80	90.58	9730.97	2080.99 S	4350.84 E	4339.89	1.22
15036.00	91.58	90.44	9729.12	2081.78 S	4439.82 E	4428.86	0.89
15126.00	90.56	91.01	9727.44	2082.92 S	4529.79 E	4518.82	1.30
15215.00	91.20	91.09	9726.07	2084.55 S	4618.77 E	4607.79	0.72
15304.00	92.06	91.38	9723.54	2086.47 S	4707.71 E	4696.72	1.02
15394.00	90.89	90.94	9721.23	2088.29 S	4797.66 E	4786.66	1.39
15483.00	91.30	91.09	9719.53	2089.87 S	4886.63 E	4875.62	0.49
15564.00	91.30	91.09	9717.69	2091.41 S	4967.59 E	4956.58	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 89.70 DEGREES (GRID)
A TOTAL CORRECTION OF 6.76 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 15564.00 FEET
IS 5389.90 FEET ALONG 112.83 DEGREES (GRID)

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 29E VADER										
								6. Well Number: 107H										
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		124	South	325	West	Lea								
BH:	H	21	20S	32E		1993	North	15	East	LEA								
13. Date Spudded 4/20/2020	14. Date T.D. Reached 5/11/2020		15. Date Rig Released 5/14/2020			16. Date Completed (Ready to Produce) 4/15/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3516 GL										
18. Total Measured Depth of Well 15,564			19. Plug Back Measured Depth 15,562			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,413 - 15,435 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		998'		24"		1795										
13 3/8"		68.0		2,507'		17 1/2"		1830										
9 5/8"		40.0		5,123'		12 1/4"		1605										
5 1/2"		23.0		15,564'		8 3/4"		2025										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET										
						2 7/8"	9,165	9,134										
26. Perforation record (interval, size, and number) 10,413 TO 15,435 4spf, 601 Total Shots 25 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>10,413 - 15,435</td> <td>277,032 bbl fluid + 12,511,920 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10,413 - 15,435	277,032 bbl fluid + 12,511,920 lbs proppant				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
10,413 - 15,435	277,032 bbl fluid + 12,511,920 lbs proppant																	
28. PRODUCTION																		
Date First Production 4/16/2021		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 5/02/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 703	Gas - MCF 637	Water - Bbl. 2450	Gas - Oil Ratio 907											
Flow Tubing Press. 218	Casing Pressure 195	Calculated 24-Hour Rate	Oil - Bbl. 703	Gas - MCF 637	Water - Bbl. 2450	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>			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 1267'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2387'	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 4836'	T. Morrison	
T. Drinkard	T. Bone Springs 7697'	T. Todilto	
T. Abo	T. Rustler 892'	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 31072

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31072
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 31072

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31072
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/9/2021