

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 & 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 - 025-46655	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 106H

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		124	South	295	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
A	21	20S	32E		689	North	23	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 3/28/2020	²² Ready Date 4/15/2021	²³ TD 15350 MD 9726 TVD	²⁴ PBT 15337 MD 9726 TVD	²⁵ Perforations 10,203 - 15,205	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24.0	18.625	999	1725		
17.5	13.375	2516	1830		
12.25	9.625	5043	1870		
8.75	5.5/2.875	15339 /9360	2110		

V. Well Test Data

³¹ Date New Oil 4/16/2021	³² Gas Delivery Date 4/23/2021	³³ Test Date 4/23/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 195	³⁶ Csg. Pressure 130
³⁷ Choke Size	³⁸ Oil 147	³⁹ Water 2673	⁴⁰ Gas 122		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: <i>Cassie Evans</i>			OIL CONSERVATION DIVISION		
Printed name: Cassie Evans			Approved by: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANTA FE		
E-mail Address: cassie.evans@exxonmobil.com			Approval Date: 08/09/2021		
Date: 06/08/2021		Phone: 432.218.3671			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-9720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 334-6170

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 30-025-46655	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 106H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,516'

¹⁰ Surface Location

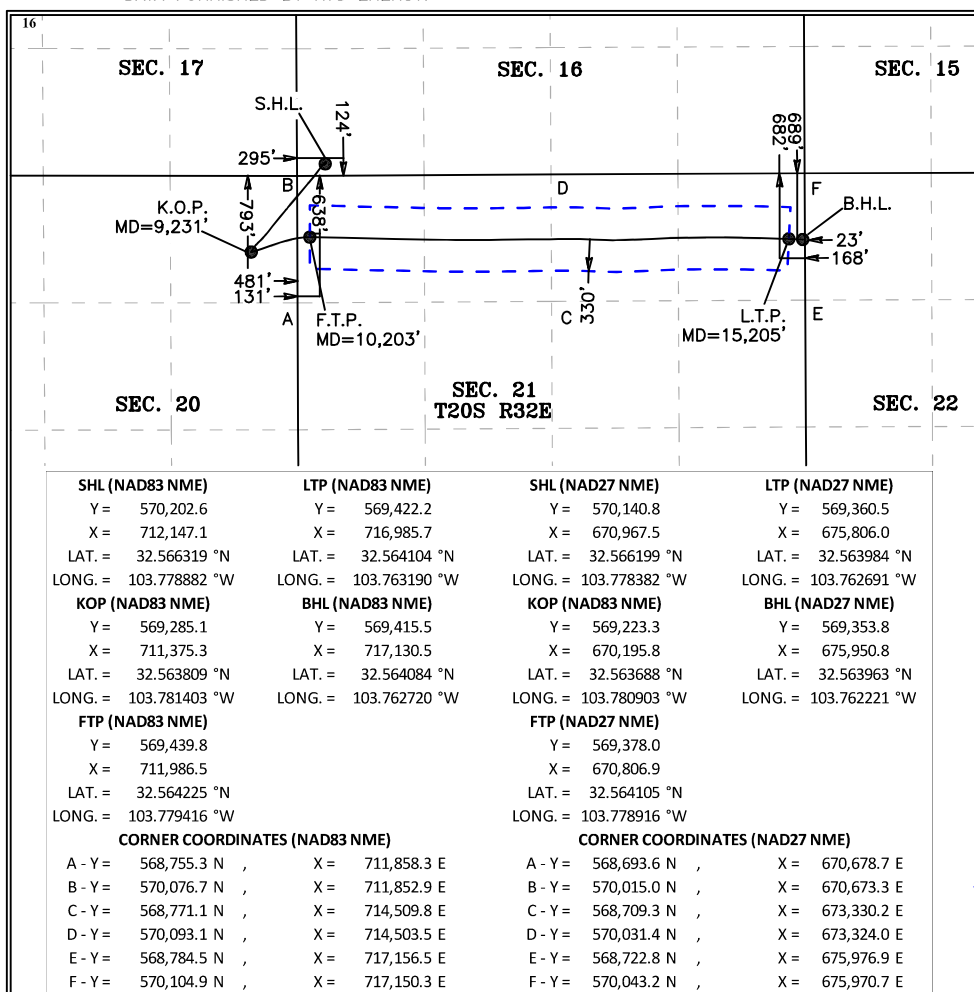
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	20 S	32 E		124	SOUTH	295	WEST	LEA

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
A	21	20 S	32 E		689	NORTH	23	EAST	LEA

¹² Dedicated Acres 200	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

06/07/2021

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

2019072124



Intent ☐ As Drilled ☒

API # 30-025-46655		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: BIG EDDY UNIT 29E VADER	Well Number 106H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	20	20S	32E		793	FNL	481	FEL	EDDY
Latitude 32.563809					Longitude 103.781403				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	21	20S	32E		638	FNL	131	FWL	EDDY
Latitude 32.564225					Longitude 103.779416				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	21	20S	32E		682	FNL	168	FEL	EDDY
Latitude 32.564104					Longitude 103.763190				NAD 83

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

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 March 27, 2020 through April 17, 2020, I did conduct or supervise the taking of MWD directional surveys for the Big Eddy Unit 29E Vader 106H well from a depth of 145' MD to a depth of 15350' 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 106H 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 106H
Lea County, NM (NAD27)
Lea County New Mexico
USA
MO-XX-0906369261
ENGINEERS: EFREN 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
145.00	0.85	249.45	144.99	0.38 S	1.01 W	-1.01	0.59
207.00	0.74	221.81	206.99	0.84 S	1.71 W	-1.71	0.64
300.00	0.96	224.28	299.98	1.85 S	2.66 W	-2.67	0.24
393.00	0.67	216.27	392.97	2.85 S	3.53 W	-3.54	0.34
484.00	0.69	231.60	483.96	3.62 S	4.27 W	-4.29	0.20
575.00	1.16	247.53	574.95	4.31 S	5.55 W	-5.57	0.59
666.00	0.99	238.86	665.93	5.07 S	7.07 W	-7.10	0.26
755.00	1.14	238.32	754.92	5.93 S	8.48 W	-8.51	0.17
845.00	0.84	214.19	844.91	6.94 S	9.61 W	-9.65	0.56
934.00	0.34	145.63	933.90	7.70 S	9.83 W	-9.87	0.88
973.00	0.54	204.91	972.90	7.96 S	9.84 W	-9.88	1.20
1029.00	0.22	155.28	1028.90	8.30 S	9.90 W	-9.95	0.77
1119.00	1.51	52.30	1118.89	7.74 S	8.89 W	-8.93	1.75
1208.00	3.43	38.11	1207.80	4.93 S	6.33 W	-6.35	2.25
1298.00	3.96	39.24	1297.62	0.41 S	2.70 W	-2.70	0.60
1388.00	2.84	36.13	1387.46	3.80 N	0.58 E	0.60	1.26
1477.00	1.43	29.76	1476.39	6.55 N	2.43 E	2.47	1.61
1567.00	0.49	359.31	1566.38	7.91 N	2.98 E	3.03	1.15
1657.00	0.35	353.11	1656.38	8.57 N	2.95 E	2.99	0.16
1746.00	0.46	2.32	1745.37	9.19 N	2.93 E	2.98	0.14
1836.00	0.29	358.22	1835.37	9.78 N	2.94 E	2.99	0.18
1925.00	0.30	46.49	1924.37	10.17 N	3.10 E	3.15	0.28
2015.00	0.75	25.97	2014.37	10.86 N	3.53 E	3.59	0.53
2105.00	1.18	18.63	2104.35	12.27 N	4.09 E	4.15	0.50
2194.00	1.01	19.83	2193.34	13.88 N	4.64 E	4.72	0.19
2284.00	1.51	7.65	2283.32	15.80 N	5.07 E	5.15	0.63
2373.00	1.95	6.75	2372.28	18.47 N	5.41 E	5.50	0.50
2454.00	1.57	5.98	2453.24	20.94 N	5.68 E	5.79	0.47
2565.00	1.24	2.70	2564.20	23.66 N	5.90 E	6.02	0.31
2655.00	0.66	263.14	2654.20	24.57 N	5.43 E	5.56	1.66
2744.00	2.78	230.05	2743.15	23.12 N	3.27 E	3.39	2.53
2834.00	4.36	230.86	2832.97	19.56 N	1.06 W	-0.95	1.76
2923.00	6.21	225.94	2921.59	14.08 N	7.14 W	-7.06	2.14
3013.00	7.61	218.97	3010.94	6.06 N	14.38 W	-14.35	1.81
3102.00	8.97	216.26	3099.01	4.11 S	22.19 W	-22.21	1.60
3192.00	10.55	213.85	3187.70	16.61 S	30.93 W	-31.02	1.80
3282.00	12.13	215.85	3275.94	31.12 S	41.06 W	-41.22	1.81
3371.00	12.65	216.44	3362.87	46.54 S	52.33 W	-52.57	0.61
3461.00	12.38	217.25	3450.73	62.15 S	64.02 W	-64.34	0.37
3550.00	12.30	217.33	3537.68	77.28 S	75.54 W	-75.94	0.08
3639.00	13.08	216.82	3624.50	92.88 S	87.33 W	-87.81	0.89
3728.00	13.96	217.59	3711.03	109.45 S	99.91 W	-100.48	1.00
3818.00	13.90	218.62	3798.39	126.50 S	113.28 W	-113.94	0.28
3908.00	13.92	219.00	3885.75	143.36 S	126.84 W	-127.59	0.10
3997.00	13.99	219.81	3972.12	159.95 S	140.47 W	-141.30	0.23
4087.00	13.98	220.01	4059.45	176.64 S	154.42 W	-155.35	0.06
4176.00	14.10	220.13	4145.79	193.16 S	168.33 W	-169.33	0.14
4266.00	14.21	220.53	4233.06	209.94 S	182.57 W	-183.67	0.16
4355.00	14.17	220.46	4319.34	226.54 S	196.74 W	-197.92	0.05
4444.00	14.33	220.46	4405.60	243.21 S	210.96 W	-212.23	0.18
4534.00	14.37	220.46	4492.79	260.17 S	225.43 W	-226.79	0.04
4623.00	14.54	220.12	4578.98	277.12 S	239.80 W	-241.25	0.22
4713.00	14.57	220.61	4666.09	294.36 S	254.45 W	-255.99	0.14
4802.00	14.60	219.86	4752.22	311.46 S	268.92 W	-270.55	0.21

4892.00	14.54	220.76	4839.33	328.73 S	283.57 W	-285.29	0.26
Received by OCD: 6/8/2021 5:23:58 PM	14.53	220.41	4925.48	345.68 S	298.09 W	-299.90	Page 6 of 11
5070.00	14.21	220.20	5011.70	362.51 S	312.37 W	-314.26	0.34
5160.00	14.14	220.54	5098.96	379.30 S	326.64 W	-328.62	0.12
5249.00	13.96	220.97	5185.30	395.67 S	340.75 W	-342.81	0.24
5338.00	14.34	220.88	5271.60	412.11 S	355.00 W	-357.15	0.43
5428.00	14.68	219.47	5358.73	429.34 S	369.55 W	-371.79	0.55
5517.00	14.73	220.05	5444.81	446.72 S	384.00 W	-386.33	0.18
5607.00	14.39	220.16	5531.92	464.02 S	398.58 W	-401.00	0.39
5696.00	13.78	219.21	5618.24	480.68 S	412.41 W	-414.92	0.73
5786.00	13.66	219.02	5705.68	497.24 S	425.87 W	-428.47	0.14
5875.00	13.47	218.20	5792.19	513.55 S	438.90 W	-441.58	0.30
5965.00	13.25	217.87	5879.76	529.93 S	451.71 W	-454.48	0.26
6054.00	13.81	220.67	5966.29	546.04 S	464.90 W	-467.75	0.97
6144.00	14.23	221.72	6053.61	562.45 S	479.26 W	-482.20	0.54
6233.00	13.49	220.91	6140.02	578.46 S	493.34 W	-496.36	0.85
6323.00	12.39	222.16	6227.73	593.55 S	506.70 W	-509.80	1.26
6412.00	11.50	222.94	6314.80	607.12 S	519.15 W	-522.32	1.02
6502.00	12.77	214.79	6402.79	621.86 S	530.94 W	-534.19	2.36
6591.00	12.63	211.70	6489.62	638.21 S	541.66 W	-545.00	0.78
6681.00	12.99	215.86	6577.38	654.78 S	552.75 W	-556.17	1.10
6770.00	14.14	219.00	6663.90	671.34 S	565.46 W	-568.96	1.54
6859.00	13.22	218.08	6750.37	687.80 S	578.58 W	-582.17	1.07
6949.00	14.50	221.58	6837.75	704.32 S	592.40 W	-596.08	1.70
7039.00	14.90	221.60	6924.81	721.41 S	607.56 W	-611.33	0.44
7128.00	14.89	220.94	7010.82	738.60 S	622.65 W	-626.51	0.19
7217.00	14.40	222.10	7096.92	755.45 S	637.56 W	-641.51	0.63
7307.00	13.37	222.30	7184.29	771.45 S	652.07 W	-656.10	1.15
7396.00	12.14	222.58	7271.09	785.96 S	665.33 W	-669.44	1.38
7486.00	12.56	224.14	7359.01	799.95 S	678.55 W	-682.73	0.59
7575.00	13.64	226.28	7445.69	814.15 S	692.88 W	-697.13	1.33
7665.00	12.72	225.38	7533.32	828.45 S	707.61 W	-711.94	1.05
7754.00	10.73	224.59	7620.46	841.24 S	720.41 W	-724.80	2.24
7843.00	8.08	222.61	7708.25	851.74 S	730.46 W	-734.91	3.00
7933.00	8.77	216.36	7797.28	861.92 S	738.81 W	-743.31	1.27
8022.00	8.46	213.85	7885.28	872.82 S	746.48 W	-751.04	0.55
8111.00	7.17	210.94	7973.45	883.03 S	752.98 W	-757.60	1.51
8201.00	5.60	206.99	8062.89	891.76 S	757.86 W	-762.52	1.81
8291.00	4.21	202.32	8152.56	898.73 S	761.11 W	-765.81	1.60
8380.00	3.14	199.13	8241.37	904.06 S	763.15 W	-767.88	1.23
8470.00	2.76	221.76	8331.26	908.00 S	765.40 W	-770.15	1.35
8560.00	2.59	205.93	8421.16	911.45 S	767.74 W	-772.50	0.84
8649.00	1.76	206.96	8510.09	914.47 S	769.24 W	-774.01	0.94
8739.00	1.45	325.37	8600.08	914.77 S	770.51 W	-775.29	3.07
8828.00	0.88	280.33	8689.06	913.72 S	771.82 W	-776.59	1.17
8918.00	1.10	206.62	8779.05	914.37 S	772.88 W	-777.66	1.33
9007.00	1.35	182.89	8868.03	916.18 S	773.32 W	-778.11	0.63
9037.00	1.17	174.76	8898.02	916.84 S	773.31 W	-778.10	0.85
9126.00	0.16	51.53	8987.02	917.66 S	773.13 W	-777.92	1.42
9216.00	0.41	105.93	9077.01	917.68 S	772.72 W	-777.52	0.38
9305.00	6.96	77.56	9165.78	916.60 S	767.14 W	-771.93	7.42
9350.00	14.46	74.33	9209.97	914.49 S	759.06 W	-763.84	16.71
9395.00	21.63	71.77	9252.73	910.37 S	745.76 W	-750.51	16.03
9440.00	25.88	71.53	9293.91	904.67 S	728.55 W	-733.28	9.45
9484.00	29.03	72.71	9332.95	898.45 S	709.25 W	-713.94	7.26
9529.00	32.05	72.44	9371.70	891.60 S	687.43 W	-692.09	6.72
9574.00	34.38	72.13	9409.34	884.10 S	663.96 W	-668.58	5.19
9619.00	38.32	71.87	9445.58	875.85 S	638.59 W	-643.17	8.76
9663.00	41.73	71.22	9479.27	866.89 S	611.76 W	-616.29	7.81
9708.00	44.73	70.76	9512.05	856.85 S	582.62 W	-587.10	6.70
9753.00	47.00	69.98	9543.39	846.00 S	552.21 W	-556.63	5.20
9798.00	49.69	70.24	9573.29	834.56 S	520.59 W	-524.96	5.99
9842.00	53.78	71.94	9600.54	823.38 S	487.91 W	-492.22	9.78
9887.00	58.35	73.71	9625.65	812.38 S	452.25 W	-456.50	10.67
9932.00	60.82	74.61	9648.43	801.79 S	414.92 W	-419.11	5.75
9977.00	62.93	75.62	9669.65	791.60 S	376.57 W	-380.71	5.09
10022.00	68.51	78.10	9688.15	782.30 S	336.64 W	-340.73	13.38
10066.00	74.41	80.64	9702.13	774.62 S	295.66 W	-299.71	14.48
10111.00	81.33	82.99	9711.58	768.37 S	252.14 W	-256.16	16.20
10156.00	89.38	86.38	9715.23	764.23 S	207.52 W	-211.52	19.40
10201.00	92.83	90.04	9714.36	762.82 S	162.57 W	-166.56	11.18
10290.00	91.01	90.49	9711.38	763.24 S	73.62 W	-77.62	2.11
10380.00	90.12	91.22	9710.49	764.58 S	16.36 E	12.36	1.28
Released by Imaging: 8/9/2021 9:49:08 AM	89.29	91.84	9710.71	766.96 S	105.33 E	101.31	0.92
10559.00	90.18	91.40	9710.89	769.50 S	195.29 E	191.26	0.82

10649.00	88.70	91.48	9711.77	771.76 S	285.26 E	281.21	1.65
10738.00	88.39	91.57	9714.03	774.13 S	374.20 E	370.14	0.36
10828.00	89.01	91.33	9716.08	776.41 S	464.15 E	460.07	0.74
10917.00	90.25	90.69	9716.65	777.97 S	553.13 E	549.05	1.57
11007.00	91.05	90.50	9715.63	778.91 S	643.12 E	639.03	0.91

11096.00	89.16	91.29	9715.47	780.30 S	732.10 E	728.01	2.30
11186.00	88.73	91.66	9717.12	782.62 S	822.06 E	817.95	0.63
11275.00	90.09	91.41	9718.04	785.00 S	911.02 E	906.89	1.55
11365.00	91.33	90.86	9716.92	786.78 S	1000.99 E	996.86	1.51
11454.00	89.66	91.03	9716.16	788.25 S	1089.97 E	1085.83	1.89

11543.00	90.06	90.93	9716.37	789.77 S	1178.96 E	1174.81	0.46
11633.00	89.85	90.68	9716.44	791.04 S	1268.95 E	1264.79	0.36
11722.00	91.17	90.19	9715.65	791.71 S	1357.94 E	1353.78	1.58
11812.00	92.37	89.83	9712.87	791.73 S	1447.90 E	1443.73	1.39
11901.00	87.99	90.26	9712.59	791.80 S	1536.87 E	1532.71	4.95

11991.00	89.32	90.53	9714.71	792.42 S	1626.84 E	1622.67	1.51
12080.00	91.42	89.45	9714.13	792.40 S	1715.84 E	1711.66	2.65
12170.00	93.02	88.53	9710.64	790.82 S	1805.75 E	1801.59	2.05
12259.00	88.79	89.07	9709.24	788.95 S	1894.70 E	1890.54	4.79
12349.00	88.70	89.61	9711.21	787.92 S	1984.67 E	1980.52	0.61

12438.00	90.25	89.10	9712.03	786.92 S	2073.66 E	2069.51	1.83
12528.00	89.41	89.36	9712.29	785.71 S	2163.65 E	2159.51	0.98
12617.00	91.51	88.58	9711.58	784.11 S	2252.63 E	2248.49	2.52
12707.00	88.85	89.88	9711.30	782.90 S	2342.61 E	2338.48	3.29
12796.00	90.15	89.53	9712.07	782.44 S	2431.60 E	2427.47	1.51

12886.00	92.35	88.80	9710.11	781.13 S	2521.56 E	2517.44	2.58
12975.00	88.17	91.53	9709.71	781.39 S	2610.54 E	2606.41	5.61
13047.00	88.42	91.94	9711.85	783.56 S	2682.47 E	2678.33	0.67
13137.00	89.51	91.87	9713.47	786.56 S	2772.40 E	2768.25	1.21
13226.00	89.20	92.82	9714.47	790.20 S	2861.32 E	2857.15	1.12

13315.00	90.25	92.03	9714.90	793.96 S	2950.24 E	2946.04	1.48
13405.00	88.64	88.69	9715.77	794.53 S	3040.22 E	3036.02	4.12
13494.00	87.13	88.34	9719.06	792.22 S	3129.13 E	3124.93	1.74
13584.00	87.68	88.04	9723.13	789.38 S	3218.99 E	3214.81	0.70
13673.00	88.28	87.30	9726.27	785.77 S	3307.86 E	3303.70	1.07

13762.00	87.81	87.19	9729.31	781.49 S	3396.70 E	3392.56	0.54
13852.00	89.29	87.51	9731.58	777.33 S	3486.58 E	3482.46	1.68
13941.00	90.89	88.08	9731.44	773.91 S	3575.51 E	3571.41	1.91
14031.00	91.67	88.49	9729.43	771.22 S	3665.44 E	3661.35	0.98
14120.00	91.33	89.21	9727.10	769.43 S	3754.39 E	3750.31	0.89

14210.00	93.12	89.08	9723.61	768.09 S	3844.31 E	3840.24	1.99
14299.00	91.67	90.19	9719.89	767.52 S	3933.23 E	3929.16	2.05
14389.00	89.94	90.01	9718.63	767.68 S	4023.22 E	4019.14	1.93
14478.00	88.33	90.28	9719.97	767.90 S	4112.20 E	4108.13	1.83
14568.00	87.47	90.18	9723.27	768.26 S	4202.14 E	4198.06	0.96

14658.00	88.89	89.76	9726.13	768.22 S	4292.09 E	4288.01	1.65
14747.00	94.61	90.14	9723.41	768.14 S	4381.01 E	4376.93	6.44
14837.00	89.85	91.78	9719.91	769.65 S	4470.90 E	4466.81	5.59
14926.00	88.61	91.48	9721.10	772.18 S	4559.86 E	4555.75	1.43
15016.00	88.18	91.48	9723.63	774.50 S	4649.79 E	4645.67	0.48

15105.00	87.32	91.44	9727.12	776.77 S	4738.69 E	4734.56	0.97
15195.00	90.34	92.59	9728.96	779.93 S	4828.61 E	4824.46	3.59
15280.00	91.55	92.68	9727.56	783.84 S	4913.51 E	4909.33	1.43
15350.00	91.55	92.68	9725.66	787.11 S	4983.40 E	4979.21	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 6.77 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 15350.00 FEET
IS 5045.18 FEET ALONG 98.98 DEGREES (GRID)

SURVEY @ 15350' MD IS A STRAIGHT LINE PROJECTION TO THE BIT.

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								1. WELL API NO. 30-025-46655		
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: 106H		
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	295	West	Lea
BH:	A	21	20S	32E		689	North	23	East	LEA
13. Date Spudded 3/28/2020	14. Date T.D. Reached 4/17/2020		15. Date Rig Released 4/20/2020		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 15,350			19. Plug Back Measured Depth 15,337		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,203 - 15,205 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		999'		24"		1725		
13 3/8"		68.0		2,516'		17 1/2"		1830		
9 5/8"		40.0		5,043'		12 1/4"		1870		
5 1/2"		20.0		15,339		8 3/4"		2110		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	9,103	9,058		
26. Perforation record (interval, size, and number) 10,203 TO 15,205 4spf, 601 Total Shots 25 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,203 - 15,205		274,015 bbl fluid + 12,492,260 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 4/23/2021	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 147	Gas - MCF 122	Water - Bbl. 2673	Gas - Oil Ratio 828			
Flow Tubing Press. 195	Casing Pressure 130	Calculated 24-Hour Rate	Oil - Bbl. 147	Gas - MCF 122	Water - Bbl. 2673	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>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</i>										
Signature			Name			Title			Date	
Cassie Evans			Cassie Evans			Regulatory Analyst			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 1274'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2394'	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 4828'	T. Morrison	
T. Drinkard	T. Bone Springs 7693'	T. Todilto	
T. Abo	T. Rustler 898'	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to..... No. 3, from.....to.....
No. 2, 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 31061

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31061
	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 31061

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31061
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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