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 Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
XTO Energy,Inc. 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707	373075
	[3] Reason for Filing Code/ Effective Date NW

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 025-46654	SALT LAKE: BONE SPRING	53560

[7] Property Code	[8] Property Name	[9] Well Number
326994	BIG EDDY UNIT 29W VADER	105H

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	265	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
2	19	20S	32E		1985	North	16	West	LEa

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
2/19/2020	4/13/2021	20623 MD 9559 TVD	20606 MD 9559 TVD	10,278 - 20,482	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
24.0	18.625	1114	2005
17.5	13.375	2484	1780
12.25	9.625	4996	1780
8.75	5.5/2.875	20608 /9180	2745

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
4/14/2021	5/2/2021	5/2/2021	24 hrs	245	213
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
	1062	2642	850		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 Anaylst

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	[2] Pool Code	[3] Pool Name
30-025-46654	53560	SALT LAKE; BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
326994	BIG EDDY UNIT 29W VADER	105H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	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	265	WEST	LEA

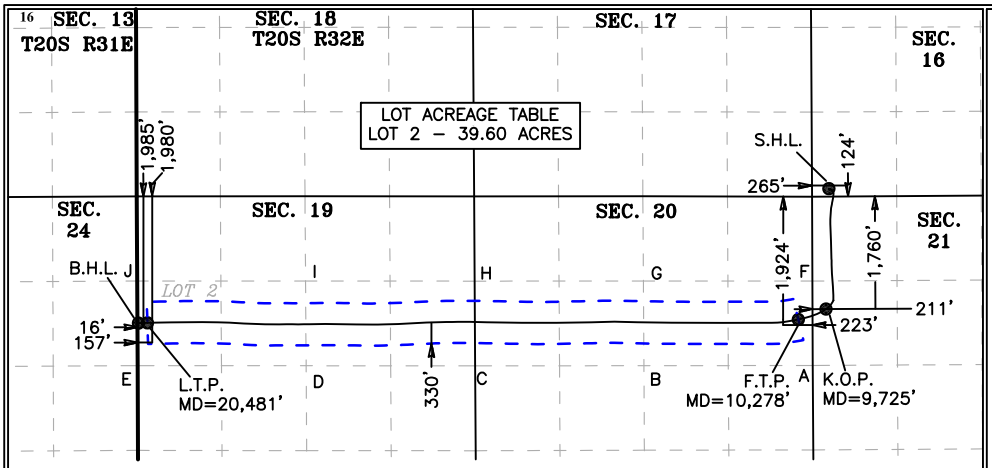
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	19	20 S	32 E		1,985	NORTH	16	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
319.6			

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.



SHL (NAD83 NME)	LTP (NAD83 NME)	SHL (NAD27 NME)	LTP (NAD27 NME)
Y = 570,202.0	Y = 568,101.2	Y = 570,140.2	Y = 568,039.4
X = 712,117.1	X = 701,446.4	X = 670,937.6	X = 660,266.9
LAT. = 32.566318 °N	LAT. = 32.560692 °N	LAT. = 32.566198 °N	LAT. = 32.560571 °N
LONG. = 103.778980 °W	LONG. = 103.813649 °W	LONG. = 103.778479 °W	LONG. = 103.813148 °W
KOP (NAD83 NME)	**BHL (NAD83 NME)**	**KOP (NAD27 NME)**	**BHL (NAD27 NME)**
Y = 568,317.7	Y = 568,096.6	Y = 568,256.0	Y = 568,034.8
X = 712,071.1	X = 701,305.7	X = 670,891.5	X = 660,126.2
LAT. = 32.561140 °N	LAT. = 32.560681 °N	LAT. = 32.561019 °N	LAT. = 32.560561 °N
LONG. = 103.779161 °W	LONG. = 103.814106 °W	LONG. = 103.778661 °W	LONG. = 103.813605 °W
FTP (NAD83 NME)		**FTP (NAD27 NME)**	
Y = 568,153.5		Y = 568,091.8	
X = 711,637.8		X = 670,458.2	
LAT. = 32.560695 °N		LAT. = 32.560574 °N	
LONG. = 103.780570 °W		LONG. = 103.780070 °W	

CORNER COORDINATES (NAD83 NME)		CORNER COORDINATES (NAD27 NME)	
A - Y = 567,434.0 N	X = 711,863.7 E	A - Y = 567,372.3 N	X = 670,684.1 E
B - Y = 567,430.9 N	X = 709,219.7 E	B - Y = 567,369.2 N	X = 668,040.1 E
C - Y = 567,427.7 N	X = 706,578.1 E	C - Y = 567,365.9 N	X = 665,398.5 E
D - Y = 567,430.1 N	X = 703,931.3 E	D - Y = 567,368.3 N	X = 662,751.8 E
E - Y = 567,432.4 N	X = 701,292.5 E	E - Y = 567,370.6 N	X = 660,113.0 E
F - Y = 568,755.3 N	X = 711,858.3 E	F - Y = 568,693.6 N	X = 670,678.7 E
G - Y = 568,756.4 N	X = 709,211.8 E	G - Y = 568,694.6 N	X = 668,032.3 E
H - Y = 568,754.2 N	X = 706,569.8 E	H - Y = 568,692.5 N	X = 665,390.3 E
I - Y = 568,756.8 N	X = 703,922.3 E	I - Y = 568,695.0 N	X = 662,742.9 E
J - Y = 568,756.9 N	X = 701,286.1 E	J - Y = 568,695.1 N	X = 660,106.6 E

[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 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

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number JC 2019072123

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 | Sperry Drilling

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Tie-in

0.00	0.00	0.00	0.00	0.00 N	0.00 E		

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
183.00	0.58	271.14	183.00	0.02 N	0.93 W	0.93	0.32
243.00	0.54	248.33	242.99	0.08 S	1.50 W	1.50	0.38
274.00	0.58	232.33	273.99	0.23 S	1.75 W	1.75	0.51
365.00	0.59	213.15	364.99	0.90 S	2.37 W	2.37	0.21
456.00	0.71	197.83	455.98	1.83 S	2.80 W	2.80	0.23
547.00	0.51	188.75	546.98	2.77 S	3.04 W	3.04	0.24
639.00	0.68	205.36	638.97	3.67 S	3.33 W	3.33	0.26
729.00	0.96	171.44	728.96	4.90 S	3.45 W	3.45	0.61
819.00	0.99	163.48	818.95	6.39 S	3.12 W	3.11	0.15
909.00	1.11	140.57	908.94	7.81 S	2.34 W	2.34	0.48
998.00	2.04	129.01	997.90	9.47 S	0.56 W	0.56	1.09
1073.00	3.99	96.82	1,072.80	10.62 S	3.07 E	-3.07	3.35
1146.00	4.29	94.99	1,145.61	11.16 S	8.31 E	-8.31	0.45
1236.00	3.10	104.49	1,235.42	12.06 S	14.01 E	-14.02	1.48
1326.00	1.08	180.49	1,325.37	13.52 S	16.36 E	-16.37	3.36
1415.00	1.96	229.59	1,414.34	15.34 S	15.20 E	-15.20	1.68
1505.00	2.65	241.89	1,504.27	17.32 S	12.19 E	-12.19	0.94
1594.00	2.38	265.55	1,593.18	18.44 S	8.53 E	-8.54	1.20
1684.00	2.76	288.63	1,683.09	17.89 S	4.61 E	-4.62	1.22
1773.00	2.55	314.03	1,772.00	15.83 S	1.15 E	-1.16	1.33
1863.00	2.60	340.43	1,861.91	12.51 S	0.97 W	0.97	1.31
1953.00	2.13	7.70	1,951.84	8.94 S	1.43 W	1.43	1.34
2042.00	1.94	60.74	2,040.79	6.56 S	0.11 E	-0.11	2.05
2132.00	3.52	87.36	2,130.69	5.69 S	4.20 E	-4.20	2.21
2221.00	5.06	92.69	2,219.44	5.75 S	10.85 E	-10.85	1.78
2311.00	7.73	110.15	2,308.88	8.02 S	20.50 E	-20.51	3.64
2401.00	9.80	127.25	2,397.84	14.75 S	32.29 E	-32.30	3.67
2415.00	10.12	129.48	2,411.62	16.25 S	34.19 E	-34.19	3.56
2513.00	9.13	130.37	2,508.24	26.76 S	46.75 E	-46.77	1.02
2603.00	9.59	139.67	2,597.05	37.10 S	57.05 E	-57.07	1.76
2692.00	10.88	154.92	2,684.65	50.37 S	65.41 E	-65.44	3.36
2782.00	11.90	167.54	2,772.89	67.12 S	71.02 E	-71.05	2.99
2872.00	13.23	182.10	2,860.75	86.48 S	72.64 E	-72.69	3.80
2961.00	13.94	187.56	2,947.27	107.28 S	70.86 E	-70.92	1.65
3050.00	14.34	189.34	3,033.57	128.78 S	67.66 E	-67.73	0.67
3140.00	15.02	191.46	3,120.63	151.21 S	63.53 E	-63.61	0.97
3229.00	15.64	190.63	3,206.47	174.31 S	59.03 E	-59.12	0.73
3319.00	15.44	190.41	3,293.18	198.01 S	54.63 E	-54.73	0.22
3409.00	15.32	190.33	3,379.95	221.49 S	50.33 E	-50.45	0.14
3498.00	15.32	191.43	3,465.79	244.58 S	45.89 E	-46.02	0.33
3587.00	15.35	191.43	3,551.62	267.65 S	41.23 E	-41.37	0.03
3676.00	15.45	189.85	3,637.43	290.88 S	36.86 E	-37.02	0.49

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
3766.00	15.29	188.28	3,724.21	314.44 S	33.11 E	-33.27	0.50
3856.00	15.15	186.82	3,811.05	337.86 S	30.00 E	-30.18	0.45
3945.00	15.41	182.31	3,896.91	361.22 S	28.14 E	-28.33	1.36
4035.00	15.59	182.70	3,983.63	385.25 S	27.09 E	-27.29	0.24
4124.00	15.50	183.00	4,069.38	409.08 S	25.90 E	-26.12	0.14
4214.00	15.49	183.07	4,156.10	433.09 S	24.63 E	-24.86	0.03
4303.00	15.48	182.12	4,241.87	456.83 S	23.55 E	-23.79	0.29
4392.00	15.43	182.94	4,327.65	480.52 S	22.51 E	-22.76	0.25
4482.00	15.71	182.27	4,414.35	504.66 S	21.41 E	-21.67	0.37
4571.00	15.66	177.99	4,500.04	528.71 S	21.35 E	-21.63	1.30
4661.00	15.66	175.99	4,586.70	552.97 S	22.63 E	-22.92	0.60
4750.00	15.20	175.03	4,672.49	576.58 S	24.48 E	-24.78	0.59
4840.00	15.07	179.95	4,759.37	600.04 S	25.51 E	-25.82	1.43
4929.00	14.89	179.82	4,845.34	623.04 S	25.56 E	-25.88	0.20
4986.00	14.85	180.52	4,900.44	637.67 S	25.51 E	-25.85	0.32
5017.00	14.52	180.85	4,930.42	645.53 S	25.42 E	-25.76	1.07
5107.00	14.25	179.09	5,017.60	667.89 S	25.43 E	-25.77	0.57
5196.00	14.21	179.68	5,103.87	689.77 S	25.66 E	-26.02	0.17
5285.00	14.61	179.07	5,190.07	711.92 S	25.90 E	-26.27	0.48
5375.00	15.09	178.18	5,277.06	734.98 S	26.46 E	-26.84	0.59
5464.00	15.36	176.09	5,362.94	758.31 S	27.63 E	-28.02	0.69
5554.00	15.05	176.31	5,449.79	781.86 S	29.19 E	-29.60	0.35
5643.00	14.58	177.06	5,535.83	804.58 S	30.51 E	-30.93	0.56
5733.00	14.54	177.32	5,622.94	827.18 S	31.62 E	-32.05	0.09
5822.00	14.85	176.63	5,709.03	849.73 S	32.81 E	-33.25	0.39
5912.00	14.61	176.76	5,796.07	872.57 S	34.13 E	-34.58	0.26
6001.00	14.82	178.70	5,882.15	895.16 S	35.02 E	-35.49	0.60
6091.00	14.35	178.67	5,969.25	917.82 S	35.54 E	-36.02	0.53
6180.00	14.62	178.68	6,055.42	940.08 S	36.05 E	-36.54	0.30
6270.00	14.45	178.85	6,142.54	962.66 S	36.54 E	-37.04	0.19
6359.00	13.97	178.02	6,228.82	984.50 S	37.13 E	-37.65	0.59
6449.00	14.59	178.32	6,316.04	1,006.69 S	37.84 E	-38.37	0.69
6538.00	14.52	178.46	6,402.18	1,029.05 S	38.47 E	-39.01	0.08
6628.00	14.87	178.47	6,489.23	1,051.87 S	39.08 E	-39.63	0.38
6717.00	14.81	178.59	6,575.27	1,074.66 S	39.66 E	-40.22	0.08
6807.00	15.24	178.08	6,662.19	1,097.98 S	40.34 E	-40.91	0.51
6896.00	14.76	178.48	6,748.15	1,121.01 S	41.03 E	-41.62	0.55
6986.00	15.08	178.34	6,835.12	1,144.18 S	41.68 E	-42.27	0.35
7075.00	14.95	178.30	6,921.08	1,167.23 S	42.35 E	-42.96	0.14
7164.00	15.35	178.33	7,006.99	1,190.48 S	43.04 E	-43.66	0.45
7254.00	15.44	177.58	7,093.76	1,214.36 S	43.89 E	-44.53	0.24
7343.00	15.50	178.60	7,179.53	1,238.08 S	44.68 E	-45.33	0.31
7433.00	14.88	177.92	7,266.39	1,261.65 S	45.39 E	-46.05	0.72
7522.00	15.30	177.98	7,352.32	1,284.81 S	46.22 E	-46.90	0.47
7612.00	15.37	178.01	7,439.12	1,308.59 S	47.06 E	-47.74	0.08

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
7701.00	14.22	177.31	7,525.17	1,331.29 S	47.98 E	-48.68	1.31
7790.00	13.94	177.40	7,611.49	1,352.91 S	48.98 E	-49.69	0.31
7880.00	13.89	175.60	7,698.85	1,374.52 S	50.30 E	-51.02	0.48
7969.00	14.34	175.97	7,785.16	1,396.17 S	51.90 E	-52.63	0.51
8059.00	13.80	174.15	7,872.46	1,417.97 S	53.78 E	-54.52	0.77
8148.00	13.60	174.91	7,958.93	1,438.95 S	55.79 E	-56.54	0.30
8238.00	13.29	175.76	8,046.46	1,459.81 S	57.49 E	-58.26	0.41
8327.00	13.35	177.00	8,133.07	1,480.27 S	58.79 E	-59.56	0.33
8417.00	14.17	176.25	8,220.48	1,501.64 S	60.05 E	-60.83	0.93
8506.00	15.88	178.63	8,306.44	1,524.69 S	61.05 E	-61.85	2.05
8596.00	14.98	177.44	8,393.19	1,548.62 S	61.87 E	-62.68	1.07
8686.00	14.94	175.52	8,480.14	1,571.81 S	63.29 E	-64.12	0.55
8775.00	15.79	171.75	8,565.96	1,595.24 S	65.93 E	-66.76	1.47
8865.00	17.03	177.25	8,652.30	1,620.52 S	68.32 E	-69.16	2.21
8954.00	16.41	177.90	8,737.54	1,646.10 S	69.40 E	-70.26	0.72
9044.00	15.52	179.34	8,824.06	1,670.85 S	70.01 E	-70.88	1.09
9133.00	14.17	181.04	8,910.09	1,693.65 S	69.95 E	-70.83	1.59
9223.00	13.96	183.25	8,997.39	1,715.51 S	69.13 E	-70.03	0.64
9312.00	13.48	179.43	9,083.85	1,736.60 S	68.63 E	-69.54	1.15
9350.00	13.71	178.94	9,120.79	1,745.53 S	68.76 E	-69.67	0.67
9400.00	18.10	195.64	9,168.89	1,758.95 S	66.77 E	-67.69	12.60
9445.00	24.62	208.17	9,210.80	1,773.97 S	60.45 E	-61.38	17.61
9489.00	29.23	214.38	9,250.02	1,790.92 S	50.05 E	-50.99	12.26
9534.00	31.54	219.42	9,288.85	1,809.09 S	36.37 E	-37.31	7.64
9579.00	33.68	225.01	9,326.76	1,827.01 S	20.06 E	-21.02	8.21
9624.00	34.86	227.23	9,363.95	1,844.56 S	1.80 E	-2.76	3.82
9669.00	37.22	230.53	9,400.34	1,861.95 S	18.15 W	17.18	6.79
9713.00	40.38	231.11	9,434.62	1,879.36 S	39.53 W	38.54	7.23
9758.00	44.22	235.23	9,467.91	1,897.48 S	63.78 W	62.78	10.52
9803.00	45.80	238.65	9,499.73	1,914.82 S	90.45 W	89.45	6.42
9848.00	45.89	239.82	9,531.07	1,931.33 S	118.19 W	117.18	1.88
9892.00	49.05	244.58	9,560.82	1,946.42 S	146.87 W	145.85	10.73
9937.00	54.04	249.55	9,588.81	1,960.09 S	179.31 W	178.29	14.06
9982.00	58.54	250.49	9,613.78	1,972.87 S	214.49 W	213.46	10.15
10027.00	61.12	251.68	9,636.39	1,985.47 S	251.29 W	250.25	6.17
10071.00	64.37	253.02	9,656.54	1,997.32 S	288.56 W	287.51	7.87
10116.00	68.12	254.65	9,674.66	2,008.78 S	328.11 W	327.06	8.97
10161.00	70.06	254.42	9,690.72	2,019.99 S	368.62 W	367.57	4.34
10206.00	76.03	256.22	9,703.84	2,030.88 S	410.24 W	409.18	13.81
10251.00	84.20	254.64	9,711.56	2,042.03 S	453.11 W	452.04	18.48
10295.00	89.69	257.79	9,713.91	2,052.49 S	495.76 W	494.69	14.38
10340.00	90.56	260.23	9,713.81	2,061.07 S	539.93 W	538.85	5.76
10430.00	91.11	260.98	9,712.50	2,075.76 S	628.71 W	627.63	1.03
10520.00	90.09	261.91	9,711.55	2,089.15 S	717.71 W	716.61	1.53
10609.00	91.97	266.63	9,709.95	2,098.03 S	806.22 W	805.12	5.71

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
10698.00	91.79	270.31	9,707.03	2,100.40 S	895.12 W	894.02	4.14
10744.00	90.94	270.36	9,705.94	2,100.14 S	941.11 W	940.01	1.85
10834.00	90.17	270.04	9,705.06	2,099.82 S	1,031.10 W	1030.00	0.93
10924.00	89.73	270.14	9,705.14	2,099.68 S	1,121.10 W	1120.00	0.50
11013.00	90.28	270.35	9,705.14	2,099.30 S	1,210.10 W	1209.00	0.66
11103.00	90.38	270.11	9,704.62	2,098.94 S	1,300.10 W	1299.00	0.29
11192.00	90.20	269.90	9,704.17	2,098.93 S	1,389.10 W	1388.00	0.31
11282.00	90.35	270.13	9,703.74	2,098.91 S	1,479.10 W	1478.00	0.31
11371.00	90.22	269.55	9,703.29	2,099.16 S	1,568.09 W	1567.00	0.67
11461.00	89.68	269.33	9,703.37	2,100.04 S	1,658.09 W	1656.99	0.65
11550.00	89.55	269.52	9,703.97	2,100.93 S	1,747.08 W	1745.98	0.26
11639.00	89.76	270.11	9,704.50	2,101.22 S	1,836.08 W	1834.98	0.70
11729.00	90.61	269.99	9,704.21	2,101.14 S	1,926.08 W	1924.98	0.95
11818.00	90.59	270.19	9,703.28	2,101.00 S	2,015.07 W	2013.98	0.23
11907.00	90.48	270.21	9,702.45	2,100.69 S	2,104.07 W	2102.97	0.13
11997.00	90.02	270.19	9,702.06	2,100.37 S	2,194.07 W	2192.97	0.51
12087.00	90.77	270.53	9,701.44	2,099.81 S	2,284.06 W	2282.97	0.91
12176.00	90.90	270.69	9,700.14	2,098.86 S	2,373.05 W	2371.95	0.23
12265.00	90.96	270.38	9,698.70	2,098.03 S	2,462.03 W	2460.94	0.35
12355.00	91.03	270.58	9,697.13	2,097.28 S	2,552.02 W	2550.92	0.24
12445.00	90.49	270.68	9,695.94	2,096.29 S	2,642.00 W	2640.91	0.61
12534.00	90.17	270.56	9,695.43	2,095.32 S	2,731.00 W	2729.90	0.38
12624.00	89.91	270.66	9,695.36	2,094.37 S	2,820.99 W	2819.90	0.31
12713.00	89.65	271.14	9,695.71	2,092.97 S	2,909.98 W	2908.88	0.61
12803.00	90.34	271.74	9,695.71	2,090.71 S	2,999.95 W	2998.86	1.02
12892.00	89.97	271.32	9,695.47	2,088.33 S	3,088.92 W	3087.82	0.63
12982.00	89.20	271.41	9,696.13	2,086.19 S	3,178.89 W	3177.80	0.86
13072.00	88.57	271.22	9,697.88	2,084.12 S	3,268.85 W	3267.76	0.73
13162.00	88.97	270.06	9,699.81	2,083.12 S	3,358.82 W	3357.73	1.36
13251.00	91.11	269.30	9,699.75	2,083.61 S	3,447.81 W	3446.72	2.55
13340.00	91.79	268.76	9,697.49	2,085.12 S	3,536.77 W	3535.68	0.98
13430.00	91.72	268.63	9,694.74	2,087.17 S	3,626.70 W	3625.61	0.16
13519.00	90.69	268.72	9,692.87	2,089.23 S	3,715.66 W	3714.57	1.16
13609.00	91.23	268.78	9,691.36	2,091.19 S	3,805.62 W	3804.53	0.60
13698.00	91.27	268.93	9,689.42	2,092.97 S	3,894.59 W	3893.49	0.17
13787.00	91.41	268.97	9,687.34	2,094.60 S	3,983.55 W	3982.45	0.16
13877.00	90.96	268.93	9,685.47	2,096.25 S	4,073.51 W	4072.42	0.50
13966.00	90.49	268.58	9,684.35	2,098.18 S	4,162.48 W	4161.39	0.66
14055.00	90.02	268.70	9,683.95	2,100.29 S	4,251.46 W	4250.36	0.55
14145.00	89.89	269.28	9,684.02	2,101.88 S	4,341.44 W	4340.34	0.66
14234.00	89.58	269.33	9,684.43	2,102.96 S	4,430.44 W	4429.33	0.35
14269.00	89.48	268.70	9,684.72	2,103.56 S	4,465.43 W	4464.33	1.82
14358.00	88.95	270.69	9,685.94	2,104.03 S	4,554.41 W	4553.31	2.31
14448.00	88.18	271.39	9,688.20	2,102.40 S	4,644.37 W	4643.27	1.16
14537.00	88.61	271.06	9,690.69	2,100.50 S	4,733.31 W	4732.22	0.61

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
14627.00	92.20	270.43	9,690.05	2,099.33 S	4,823.29 W	4822.19	4.05
14717.00	92.91	270.76	9,686.04	2,098.40 S	4,913.19 W	4912.10	0.87
14806.00	92.69	271.23	9,681.69	2,096.85 S	5,002.07 W	5000.98	0.58
14896.00	92.91	271.52	9,677.30	2,094.70 S	5,091.94 W	5090.84	0.40
14985.00	94.30	271.36	9,671.70	2,092.46 S	5,180.73 W	5179.64	1.57
15075.00	93.77	270.95	9,665.37	2,090.65 S	5,270.49 W	5269.40	0.74
15164.00	91.48	271.11	9,661.29	2,089.06 S	5,359.38 W	5358.29	2.58
15254.00	89.60	271.33	9,660.44	2,087.14 S	5,449.35 W	5448.26	2.10
15343.00	88.33	270.17	9,662.05	2,085.97 S	5,538.33 W	5537.23	1.93
15433.00	88.95	270.18	9,664.19	2,085.70 S	5,628.30 W	5627.21	0.69
15523.00	89.51	270.09	9,665.40	2,085.49 S	5,718.29 W	5717.20	0.63
15613.00	90.03	269.63	9,665.76	2,085.71 S	5,808.29 W	5807.20	0.77
15702.00	91.85	269.51	9,664.30	2,086.38 S	5,897.27 W	5896.18	2.05
15792.00	92.96	269.45	9,660.52	2,087.19 S	5,987.19 W	5986.09	1.24
15882.00	93.46	269.01	9,655.48	2,088.40 S	6,077.04 W	6075.94	0.74
15971.00	91.82	267.91	9,651.38	2,090.79 S	6,165.91 W	6164.81	2.22
16061.00	89.29	267.28	9,650.51	2,094.57 S	6,255.81 W	6254.72	2.90
16151.00	88.18	267.32	9,652.50	2,098.80 S	6,345.69 W	6344.59	1.23
16240.00	88.68	267.03	9,654.94	2,103.19 S	6,434.55 W	6433.45	0.65
16329.00	87.32	266.78	9,658.04	2,107.99 S	6,523.36 W	6522.26	1.55
16419.00	87.75	266.84	9,661.91	2,112.99 S	6,613.14 W	6612.03	0.48
16508.00	88.83	268.47	9,664.57	2,116.63 S	6,702.02 W	6700.91	2.20
16598.00	89.04	268.30	9,666.24	2,119.17 S	6,791.97 W	6790.86	0.30
16687.00	90.68	267.57	9,666.46	2,122.38 S	6,880.91 W	6879.80	2.02
16777.00	91.76	268.85	9,664.54	2,125.19 S	6,970.84 W	6969.73	1.86
16866.00	92.81	268.68	9,660.99	2,127.10 S	7,059.75 W	7058.63	1.20
16956.00	89.94	269.65	9,658.83	2,128.42 S	7,149.70 W	7148.59	3.37
17045.00	86.79	270.88	9,661.37	2,128.00 S	7,238.65 W	7237.54	3.80
17134.00	91.11	271.49	9,663.00	2,126.16 S	7,327.60 W	7326.48	4.90
17223.00	91.89	271.23	9,660.67	2,124.05 S	7,416.54 W	7415.43	0.92
17313.00	92.01	270.90	9,657.61	2,122.38 S	7,506.47 W	7505.36	0.39
17402.00	92.41	270.69	9,654.18	2,121.15 S	7,595.40 W	7594.29	0.51
17491.00	92.96	270.51	9,650.01	2,120.22 S	7,684.29 W	7683.18	0.65
17581.00	92.75	270.06	9,645.53	2,119.77 S	7,774.18 W	7773.07	0.55
17670.00	90.28	269.94	9,643.18	2,119.77 S	7,863.14 W	7862.03	2.78
17760.00	90.75	269.85	9,642.37	2,119.93 S	7,953.14 W	7952.03	0.53
17849.00	91.39	269.29	9,640.71	2,120.60 S	8,042.12 W	8041.01	0.96
17939.00	91.73	269.10	9,638.25	2,121.87 S	8,132.08 W	8130.97	0.43
18028.00	92.72	269.14	9,634.80	2,123.23 S	8,221.00 W	8219.89	1.11
18118.00	87.25	270.38	9,634.82	2,123.61 S	8,310.96 W	8309.85	6.23
18207.00	87.68	270.59	9,638.76	2,122.86 S	8,399.87 W	8398.76	0.54
18297.00	87.75	270.10	9,642.35	2,122.31 S	8,489.80 W	8488.69	0.55
18387.00	88.64	269.75	9,645.18	2,122.43 S	8,579.75 W	8578.64	1.06
18476.00	88.49	269.24	9,647.41	2,123.22 S	8,668.72 W	8667.61	0.60
18566.00	88.77	269.37	9,649.56	2,124.31 S	8,758.69 W	8757.58	0.34

HALLIBURTON | Sperry Drilling

DIRECTIONAL SURVEY DATA

Measured Depth (ft)	Inclination (deg)	Direction (deg)	Vertical Depth (ft)	Latitude (ft)	Departure (ft)	Vertical Section (ft)	Dogleg (°/100')
18656.00	90.84	271.48	9,649.87	2,123.64 S	8,848.68 W	8847.56	3.28
18746.00	90.31	272.16	9,648.97	2,120.78 S	8,938.62 W	8937.51	0.96
18835.00	90.22	272.69	9,648.55	2,117.02 S	9,027.54 W	9026.44	0.60
18925.00	89.66	272.94	9,648.65	2,112.60 S	9,117.43 W	9116.33	0.68
19015.00	90.28	273.11	9,648.70	2,107.85 S	9,207.31 W	9206.21	0.71
19104.00	91.30	273.43	9,647.47	2,102.77 S	9,296.15 W	9295.05	1.20
19195.00	91.76	273.18	9,645.04	2,097.53 S	9,386.97 W	9385.87	0.58
19285.00	90.96	271.07	9,642.90	2,094.19 S	9,476.88 W	9475.78	2.51
19374.00	90.74	270.85	9,641.58	2,092.70 S	9,565.85 W	9564.76	0.35
19464.00	91.92	270.66	9,639.49	2,091.52 S	9,655.82 W	9654.73	1.33
19553.00	93.58	270.42	9,635.22	2,090.68 S	9,744.71 W	9743.62	1.88
19643.00	92.97	270.87	9,630.08	2,089.67 S	9,834.56 W	9833.46	0.84
19733.00	93.99	270.41	9,624.62	2,088.66 S	9,924.39 W	9923.29	1.24
19822.00	92.29	269.81	9,619.75	2,088.49 S	10,013.25 W	10012.15	2.03
19911.00	92.93	269.02	9,615.69	2,089.40 S	10,102.15 W	10101.06	1.14
20000.00	93.74	268.51	9,610.51	2,091.31 S	10,190.98 W	10189.88	1.07
20090.00	93.09	269.15	9,605.15	2,093.15 S	10,280.80 W	10279.70	1.01
20180.00	93.92	268.05	9,599.65	2,095.34 S	10,370.60 W	10369.50	1.53
20269.00	92.56	269.73	9,594.62	2,097.06 S	10,459.44 W	10458.34	2.43
20359.00	94.42	269.13	9,589.14	2,097.96 S	10,549.26 W	10548.16	2.17
20448.00	95.78	268.42	9,581.23	2,099.85 S	10,637.89 W	10636.79	1.72
20538.00	97.71	268.17	9,570.66	2,102.51 S	10,727.22 W	10726.12	2.16
20544.00	97.87	268.13	9,569.85	2,102.70 S	10,733.16 W	10732.06	2.75
20623.00	97.87	268.13	9,559.03	2,105.26 S	10,811.37 W	10810.27	0.00

DIRECTIONAL SURVEY DATA NOTES

- 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 6.76 deg from Magnetic north to Grid north has been applied
- Horizontal displacement is relative to the well head.
- Horizontal displacement (closure) at 20,623.00 feet is 11,014.44 feet along 258.98 degrees (Grid)

HALLIBURTON | Sperry Drilling

WARRANTY

HALLIBURTON ENERGY SERVICES, INC. WILL USE ITS BEST EFFORTS TO FURNISH CUSTOMERS WITH ACCURATE INFORMATION AND INTERPRETATIONS THAT ARE PART OF, AND INCIDENT TO, THE SERVICES PROVIDED. HOWEVER, HALLIBURTON ENERGY SERVICES, INC. CANNOT AND DOES NOT WARRANT THE ACCURACY OR CORRECTNESS OF SUCH INFORMATION AND INTERPRETATIONS. UNDER NO CIRCUMSTANCES SHOULD ANY SUCH INFORMATION OR INTERPRETATION BE RELIED UPON AS THE SOLE BASIS FOR ANY DRILLING, COMPLETION, PRODUCTION, OR FINANCIAL DECISION OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING VENTURE, DRILLING RIG OR ITS CREW OR ANY THIRD PARTY. THE CUSTOMER HAS FULL RESPONSIBILITY FOR ALL DRILLING, COMPLETION, AND PRODUCTION OPERATION. HALLIBURTON ENERGY SERVICES, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SERVICES RENDERED. IN NO EVENT WILL HALLIBURTON ENERGY SERVICES, INC. SERVICES BE LIABLE FOR FAILURE TO OBTAIN ANY PARTICULAR RESULTS OR FOR ANY DAMAGES, INCLUDING, BUT NOT LIMITED TO, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, RESULTING FROM THE USE OF ANY INFORMATION OR INTERPRETATION PROVIDED BY HALLIBURTON ENERGY SERVICES, INC.

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

1. WELL API NO. 30-025-46654
2. Type of Lease [X] STATE [ ] FEE [ ] FED/INDIAN
3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

[X] **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: 105H

7. Type of Completion: [X] 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:	2	19	20S	32E		1985	North	16	West	Lea

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
2/19/2020	3/23/2020	3/27/2020	4/13/2021	3513 GL

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
20,623	20,606	Yes	CBL

22. Producing Interval(s), of this completion - Top, Bottom, Name: 10,278 - 20,482 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	2,484'	17 1/2"	1780	
9 5/8"	40.0	4,996'	12 1/4"	1780	
5 1/2"	20.0	20,608	8 3/4"	2745	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9,199	9,180

26. Perforation record (interval, size, and number)
10,278 TO 20,482 4spf , 1225 Total Shots 51 stages

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,278 - 20,482	335,918 bbl fluid + 15,323,421 lbs proppant

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
4/14/2021	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/2/2021	24			1062	850	2642	800

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
245	213		1062	850	2642	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*: 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 Cassie Evans Printed Name Cassie Evans Title Regulatory Analyst Date 06/08/2021

E-mail Address cassie.evans@exxonmobil.com

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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	

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..…to……. No. 3, from……to……..……

No. 2, from……to…… No. 4, from……to…….

IMPORTANT WATER SANDS

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……

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		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

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 31060
	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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CONDITIONS

Action 31060

CONDITIONS

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CONDITIONS

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