

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 BIG EDDY UNIT 30 REY										
								6. Well Number: 102H										
7. Type of Completion: ☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER Amend original C-105																		
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 WC WILLIAM SINK: 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	14	20S	31E		1065	South	435	West	Eddy								
BH:																		
13. Date Spudded 10/25/2019	14. Date T.D. Reached 11/23/2019		15. Date Rig Released 11/29/2019		16. Date Completed (Ready to Produce) 7/8/20			17. Elevations (DF and RKB, RT, GR, etc.) 3452 GL										
18. Total Measured Depth of Well 19,455			19. Plug Back Measured Depth 19,443		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL										
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,194 - 19,308 WC WILLIAM SINK: BONE SPRIN (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		817'		24"		1535										
13 3/8"		68.0		2393'		17 1/2"		2025										
9 5/8"		40.0		4076'		12 1/4"		1305										
5 1/2"		23.0		19445'		8 3/4"		2675										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET										
						2 7/8"	9,169	9,144										
26. Perforation record (interval, size, and number) 10,194 - 19,308 4spf, 1080 Total Shots 46 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>10,194 - 19,308</td> <td>479,326 bbl fluid + 22,542,281 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10,194 - 19,308	479,326 bbl fluid + 22,542,281 lbs proppant				
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10,194 - 19,308	479,326 bbl fluid + 22,542,281 lbs proppant																	
28. PRODUCTION																		
Date First Production 7/9/20		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing												
Date of Test 9/22/20	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1855	Gas - MCF 1528	Water - Bbl. 1637	Gas - Oil Ratio 824											
Flow Tubing Press. 359	Casing Pressure 258	Calculated 24-Hour Rate	Oil - Bbl. 1855	Gas - MCF 1528	Water - Bbl. 1637	Oil Gravity - API - (Corr.)												
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 <i>Cassie Evans</i>			Name Cassie Evans			Title Regulatory Analyst			Date 05/10/21									
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 Oztze
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.....

[illegible]

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 30-015-46244	² Pool Code 97650	³ Pool Name WC Williams Sink; Bone Spring
⁴ Property Code 326062	⁵ Property Name BIG EDDY UNIT 30E REY	⁶ Well Number 102H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,452'

¹⁰ Surface Location

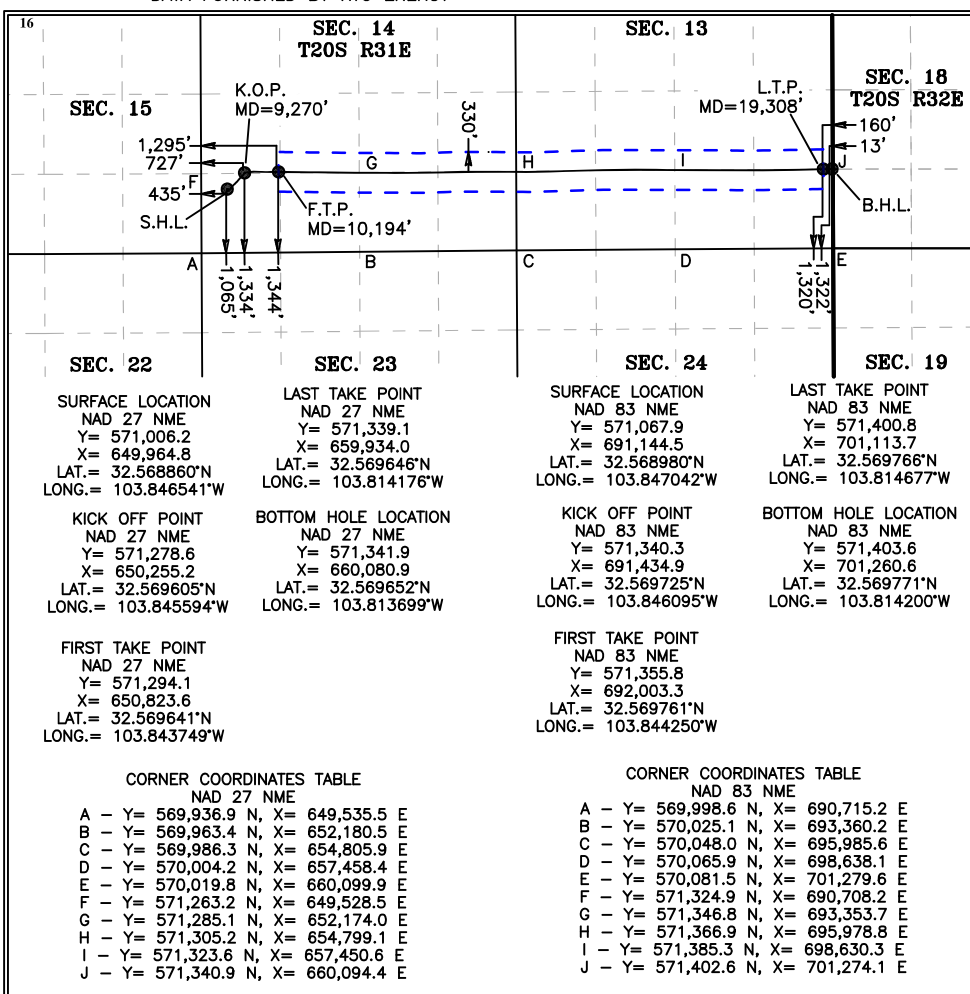
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	20 S	31 E		1,065	SOUTH	435	WEST	EDDY

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
P	13	20 S	31 E		1,322	SOUTH	13	EAST	EDDY

¹² Dedicated Acres 640	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.
NOT: 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

05/05/21

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.

7-22-2020

Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786

Certificate Number



JC

2019020394

Intent ☐ As Drilled ☒

API # 30-015-46244		
Operator Name: XTO PERMIAN OPERATING, LLC	Property Name: Big Eddy Unit 30E Ray	Well Number 102H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	14	20S	31E		1334	South	727	West	Eddy
Latitude 32.569725					Longitude -103.846095				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	14	20S	31E		1344	South	1295	West	Eddy
Latitude 32.569761					Longitude -103.844250				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	13	22S	31E		1320	South	13	East	Eddy
Latitude 32.569766					Longitude -103.814677				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NIs this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # Undesignated		
Operator Name: XTO PERMIAN OPERATING, LLC	Property Name: Poker Lake Unit 16 TWR	Well Number 161H

KZ 06/29/2018

HALLIBURTON

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

State of New Mexico, Eddy

I, Rodney Easley certify that I am employed by Halliburton Energy Services, Inc. (aka Sperry Drilling) and that on the dates of October 22, 2019 through November 14, 2019, I did conduct or supervise the taking of MWD directional surveys for the Big Eddy Unit 30E Rey 102H well from a depth of 147' MD to a depth of 10297' 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 30E Rey 102H well in Eddy. 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.)



Rodney Easley
Field Engineer

HALLIBURTON

DIRECTIONAL SURVEY REPORT

XTO Energy Inc.
Big Eddy Unit 30E Rey 102H
Eddy County, NM (NAD27)
Eddy New Mexico
USA
MO-XX-0906048320

SURVEYS FROM 147' MD TO 10365' MD PROVIDED BY HALLIBURTON SPERRY MWD.

THE LAST SURVEY IS A PROJECTION TO THE BIT.

HALLIBURTON SPERRY DRILLING ENGINEERS: RODNEY EASLEY, TYLER GRADY, CHAD HAGUE, and THIEN LE

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
147.00	0.40	353.77	147.00	0.51 N	0.06 W	-0.04	0.27
203.00	0.10	302.77	203.00	0.73 N	0.12 W	-0.09	0.62
265.00	0.14	292.15	265.00	0.79 N	0.23 W	-0.21	0.07
356.00	0.13	306.69	356.00	0.89 N	0.42 W	-0.39	0.04
413.00	0.07	269.72	413.00	0.93 N	0.50 W	-0.47	0.15
503.00	0.46	171.57	503.00	0.58 N	0.51 W	-0.49	0.53
569.00	0.26	207.39	569.00	0.18 N	0.54 W	-0.53	0.44
661.00	0.44	147.40	660.99	0.31 S	0.44 W	-0.45	0.42
720.00	0.29	178.57	719.99	0.65 S	0.31 W	-0.34	0.42
776.00	0.14	145.86	775.99	0.85 S	0.27 W	-0.30	0.34
842.00	0.20	188.74	841.99	1.02 S	0.25 W	-0.28	0.20
932.00	0.38	144.13	931.99	1.42 S	0.09 W	-0.14	0.31
1021.00	0.31	101.20	1020.99	1.71 S	0.32 E	0.26	0.29
1111.00	0.15	36.52	1110.99	1.66 S	0.63 E	0.58	0.32
1200.00	0.19	10.65	1199.99	1.41 S	0.73 E	0.68	0.10
1290.00	0.49	339.69	1289.99	0.90 S	0.62 E	0.59	0.38
1380.00	0.70	310.27	1379.98	0.18 S	0.07 E	0.07	0.40
1469.00	0.61	249.62	1468.98	0.00 N	0.78 W	-0.78	0.74
1559.00	0.89	226.51	1558.97	0.64 S	1.73 W	-1.75	0.45
1648.00	0.83	194.25	1647.96	1.74 S	2.39 W	-2.45	0.54
1738.00	1.14	143.28	1737.95	3.09 S	2.01 W	-2.12	0.99
1827.00	1.89	113.64	1826.92	4.39 S	0.14 W	-0.29	1.19
1917.00	2.16	103.28	1916.86	5.38 S	2.87 E	2.68	0.50
2006.00	1.57	92.56	2005.81	5.82 S	5.72 E	5.52	0.76
2096.00	1.11	76.68	2095.79	5.67 S	7.80 E	7.61	0.65
2185.00	1.29	71.93	2184.77	5.16 S	9.60 E	9.42	0.23
2275.00	0.65	90.46	2274.76	4.85 S	11.07 E	10.90	0.79
2329.00	0.35	130.29	2328.76	4.96 S	11.50 E	11.33	0.81
2409.00	0.63	239.63	2408.75	5.34 S	11.31 E	11.12	1.02
2498.00	0.36	351.84	2497.75	5.31 S	10.85 E	10.66	0.94
2588.00	0.73	263.29	2587.75	5.10 S	10.24 E	10.06	0.90
2677.00	0.37	263.72	2676.74	5.20 S	9.39 E	9.20	0.41
2767.00	0.35	281.79	2766.74	5.17 S	8.83 E	8.65	0.13
2856.00	0.29	280.53	2855.74	5.07 S	8.34 E	8.16	0.07
2946.00	0.31	293.28	2945.74	4.94 S	7.89 E	7.72	0.08
3036.00	0.29	267.45	3035.74	4.85 S	7.44 E	7.27	0.15
3125.00	0.26	253.69	3124.74	4.92 S	7.02 E	6.85	0.08
3214.00	0.26	241.93	3213.74	5.07 S	6.65 E	6.47	0.06
3304.00	0.26	240.26	3303.74	5.27 S	6.29 E	6.11	0.01
3393.00	0.23	308.96	3392.74	5.26 S	5.98 E	5.79	0.31
3482.00	0.48	268.17	3481.73	5.15 S	5.46 E	5.29	0.38
3572.00	1.95	231.83	3571.71	6.11 S	3.88 E	3.67	1.77
3661.00	2.21	231.95	3660.65	8.11 S	1.34 E	1.07	0.29
3751.00	2.30	232.04	3750.58	10.29 S	1.45 W	-1.80	0.10
3840.00	2.52	231.58	3839.50	12.60 S	4.39 W	-4.82	0.25
3929.00	2.73	231.73	3929.42	15.42 S	7.12 W	-7.64	0.72
4019.00	2.68	202.25	4018.33	18.91 S	9.08 W	-9.72	0.76
4109.00	2.73	182.23	4108.23	22.87 S	8.28 W	-10.06	1.18

4200.00	5.28	200.00	4202.00	27.78 S	11.03 W	-12.33	0.09
4293.00	2.27	171.34	4291.99	31.88 S	12.41 W	-13.48	2.01
4382.00	2.27	129.64	4380.93	34.75 S	10.78 W	-11.96	1.82
4471.00	2.72	101.76	4469.85	36.31 S	7.35 W	-8.58	1.44
4561.00	3.75	86.34	4559.70	36.56 S	2.32 W	-3.57	1.49
4650.00	4.87	75.17	4648.45	35.40 S	4.23 E	3.03	1.57
4740.00	5.76	62.90	4738.07	32.37 S	11.95 E	10.84	1.60
4829.00	6.64	49.57	4826.55	26.99 S	19.85 E	18.92	1.89
4919.00	7.46	42.96	4915.87	19.34 S	27.79 E	27.11	1.28
5008.00	7.93	40.31	5004.07	10.43 S	35.70 E	35.32	0.66
5098.00	8.11	39.43	5093.19	0.80 S	43.75 E	43.69	0.24
5187.00	7.84	40.14	5181.33	8.69 N	51.65 E	51.91	0.32
5277.00	8.13	43.71	5270.46	17.99 N	60.00 E	60.58	0.64
5366.00	7.71	43.88	5358.61	26.84 N	68.49 E	69.36	0.47
5455.00	7.84	42.43	5446.79	35.62 N	76.72 E	77.89	0.26
5544.00	8.46	42.25	5534.89	44.95 N	85.22 E	86.70	0.70
5633.00	8.76	43.82	5622.89	54.68 N	94.31 E	96.12	0.43
5723.00	8.20	45.95	5711.90	64.09 N	103.67 E	105.79	0.71
5812.00	7.80	44.54	5800.04	72.81 N	112.47 E	114.88	0.50
5902.00	8.09	46.99	5889.17	81.48 N	121.38 E	124.09	0.50
5991.00	8.14	45.99	5977.28	90.13 N	130.49 E	133.48	0.17
6081.00	8.40	45.40	6066.35	99.17 N	139.76 E	143.05	0.31
6170.00	8.27	44.16	6154.40	108.34 N	148.85 E	152.45	0.25
6260.00	8.18	43.69	6243.48	117.61 N	157.78 E	161.69	0.13
6349.00	8.01	41.91	6331.59	126.80 N	166.30 E	170.52	0.34
6439.00	7.94	41.66	6420.72	136.12 N	174.62 E	179.15	0.08
6528.00	7.80	39.50	6508.88	145.37 N	182.55 E	187.39	0.37
6618.00	7.94	39.25	6598.04	154.89 N	190.37 E	195.53	0.16
6707.00	7.88	39.54	6686.19	164.36 N	198.14 E	203.62	0.08
6797.00	7.40	38.90	6775.39	173.63 N	205.71 E	211.50	0.54
6886.00	7.32	45.01	6863.66	182.10 N	213.32 E	219.39	0.88
6976.00	7.35	44.54	6952.92	190.26 N	221.41 E	227.76	0.08
7065.00	7.47	42.72	7041.18	198.57 N	229.33 E	235.96	0.29
7155.00	7.55	46.36	7130.41	206.94 N	237.58 E	244.48	0.54
7244.00	7.12	48.46	7218.68	214.63 N	245.94 E	253.10	0.57
7334.00	6.80	46.68	7308.01	221.99 N	253.99 E	261.39	0.43
7423.00	7.30	43.59	7396.34	229.70 N	261.72 E	269.39	0.71
7513.00	7.32	41.88	7485.61	238.11 N	269.49 E	277.44	0.24
7602.00	6.16	41.41	7573.99	245.91 N	276.43 E	284.64	1.30
7692.00	4.85	35.73	7663.58	252.62 N	281.85 E	290.28	1.57
7781.00	4.15	30.98	7752.30	258.44 N	285.71 E	294.33	0.89
7871.00	3.86	40.45	7842.08	263.54 N	289.35 E	298.15	0.80
7961.00	2.78	39.54	7931.93	267.52 N	292.70 E	301.63	1.19
8050.00	1.58	24.53	8020.87	270.30 N	294.58 E	303.61	1.48
8140.00	1.08	0.21	8110.84	272.28 N	295.10 E	304.20	0.83
8229.00	1.04	265.08	8199.83	273.04 N	294.30 E	303.42	1.75
8319.00	0.46	277.61	8289.82	273.02 N	293.13 E	302.25	0.66
8408.00	0.66	232.53	8378.82	272.76 N	292.36 E	301.47	0.53
8498.00	0.28	207.53	8468.82	272.25 N	291.85 E	300.94	0.47
8588.00	0.57	348.41	8558.82	272.49 N	291.66 E	300.76	0.89
8677.00	0.71	298.26	8647.81	273.18 N	291.09 E	300.21	0.62
8767.00	0.79	330.80	8737.80	273.99 N	290.29 E	299.45	0.48
8856.00	1.02	302.80	8826.79	274.95 N	289.33 E	298.52	0.55
8946.00	0.34	244.73	8916.79	275.27 N	288.41 E	297.61	0.98
9035.00	0.37	147.38	9005.79	274.91 N	288.33 E	297.52	0.60
9125.00	0.87	131.65	9095.78	274.21 N	289.00 E	298.16	0.57
9214.00	0.65	160.13	9184.77	273.29 N	289.67 E	298.80	0.48
9255.00	1.47	155.12	9225.77	272.60 N	289.97 E	299.08	2.01
9287.00	3.20	105.71	9257.74	271.99 N	291.00 E	300.09	7.83
9331.00	9.92	79.73	9301.43	272.33 N	295.92 E	305.01	16.32
9376.00	15.18	75.10	9345.34	274.54 N	305.43 E	314.60	11.89
9421.00	18.32	75.26	9388.43	277.85 N	317.97 E	327.24	6.98
9466.00	20.74	83.07	9430.85	280.62 N	332.72 E	342.08	7.90
9511.00	23.16	86.33	9472.58	282.14 N	349.47 E	358.87	6.02
9555.00	27.38	83.80	9512.36	283.79 N	368.17 E	377.61	9.90
9600.00	30.42	82.61	9551.75	286.37 N	389.76 E	399.28	6.88
9645.00	31.42	83.03	9590.36	289.26 N	412.70 E	422.30	2.27
9690.00	35.63	87.38	9627.87	291.29 N	437.45 E	447.11	10.77
9735.00	39.51	91.26	9663.54	291.57 N	464.87 E	474.52	10.10
9779.00	45.00	93.13	9696.09	290.41 N	494.42 E	504.02	12.80

9914.00	57.07	92.73	9780.46	283.58 N	599.26 E	608.56	8.45
9958.00	59.34	89.10	9803.65	283.00 N	636.65 E	645.91	8.77
10003.00	62.63	87.54	9825.46	284.16 N	675.98 E	685.25	7.87
10048.00	67.98	87.81	9844.26	285.82 N	716.81 E	726.12	11.90
10093.00	73.80	88.94	9858.98	287.01 N	759.30 E	768.62	13.15
10136.00	80.30	89.84	9868.61	287.45 N	801.18 E	810.50	15.25
10182.00	87.87	89.58	9873.35	287.69 N	846.90 E	856.20	16.47
10227.00	90.06	90.00	9874.16	287.85 N	891.89 E	901.17	4.96
10272.00	88.52	90.55	9874.72	287.64 N	936.88 E	946.13	3.63
10297.00	88.46	90.98	9875.38	287.30 N	961.87 E	971.09	1.74
10365.00	88.46	90.98	9877.21	286.14 N	1029.84 E	1038.98	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 88.05 DEGREES (GRID)
A TOTAL CORRECTION OF 6.66 DEG FROM MAGNETIC NORTH TO GRID NORTH HAS BEEN APPLIED

**HORIZONTAL DISPLACEMENT IS RELATIVE TO THE WELL HEAD.
HORIZONTAL DISPLACEMENT(CLOSURE) AT 10365.00 FEET
IS 1068.85 FEET ALONG 74.47 DEGREES (GRID)**

THE LAST SURVEY IS A PROJECTION TO THE BIT FROM SURVEY AT 10365' MD.

Date Printed:27 May 2020

Oilfield Services, Central U.S. Land

Schlumberger Drilling and Measurements

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Schlumberger

December 2, 2019

Oxy USA Inc

P.O. Box 4294

Houston, TX 77210-4294

Re:

S14, T20S, R31E Eddy, NM
N 32.56898 W -103.847139CLIENT: XTO Permian Operating LLC
WELL: Big Eddy Unit 30E Rey 102H
FIELD: WC Williams Sink; Bone SpringRIG: Precision 595
COUNTY: Eddy
API NO: 30-015-46244
JOB NO: 19MLE0363

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).

Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Steve Lewis	Big Eddy Unit 30E Rey 102H	10344.00 Ft	November 14, 2019 to	TeleScope
FS	Original Hole	19363.00 Ft	November 23, 2019	3rd Party Corrected

Schlumberger-Private

Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Well Reference:
S14, T20S, R31E Eddy, NM
N 32.56898 W -103.847139

I, Steve Lewis certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of November 14, 2019 through November 23, 2019, conduct or supervise the taking of the TeleScope & 3rd Party Corrected surveys from a depth of 10344.00 feet to a depth of 19363.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Permian Operating LLC for the Big Eddy Unit 30E Rey 102H Well (Original Hole) API No. 30-015-46244 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Steve Lewis
FS

Steve Lewis

Subscribed and Sworn to before me this 2 day of December (month) 2019 (yr)

My Commission expires:

6/14/2023

Jean Paul Langlois

Notary Public

Comanche, Oklahoma

(County State)

(signature)



Schlumberger-Private



Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to 19455ft Geodetic Report (Def Survey)



Report Date: November 25, 2019 - 10:33 AM
Client: XTO Energy Inc.
Field: NM Eddy County (NAD 27)
Structure / Slot: Big Eddy Unit 30E / Big Eddy Unit 30E Jedi #102H
Well: Big Eddy Unit 30E Rey #102H
Borehole: Big Eddy Unit 30E Rey #102H
UWI / API#: Unknown / Unknown
Survey Name: Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to 19455ft
Survey Date: November 06, 2019
Tort / AHD / DDI / ERD Ratio: 216,148 ° / 10352.497 ft / 6.642 / 1.043
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 34' 7.89694", W 103° 50' 47.54680"
Location Grid N/E Y/X: N 571006.200 ftUS, E 649964.800 ftUS
CRS Grid Convergence Angle: 0.2621 °
Grid Scale Factor: 0.99993485
Version / Patch: 2.10.782.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 88,050 ° (Grid North)
Vertical Section Origin: 0,000 ft, 0,000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3477,000 ft above MSL
Seabed / Ground Elevation: 3452,000 ft above MSL
Magnetic Declination: 7.084 °
Total Gravity Field Strength: 998.4983mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 48092.699 nT
Magnetic Dip Angle: 60.361 °
Declination Date: November 06, 2019
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: 0.2621 °
Total Corr Mag North->Grid North: 6.8215 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	571006.20	649964.80	N 32 34 7.90	W 103 50 47.55
	147.00	0.40	353.77	147.00	-0.04	0.51	-0.06	0.27	571006.71	649964.74	N 32 34 7.90	W 103 50 47.55
	203.00	0.10	302.77	203.00	-0.09	0.73	-0.12	0.62	571006.93	649964.68	N 32 34 7.90	W 103 50 47.55
	265.00	0.14	292.15	265.00	-0.21	0.79	-0.23	0.07	571006.99	649964.57	N 32 34 7.90	W 103 50 47.55
	356.00	0.13	306.69	356.00	-0.39	0.89	-0.42	0.04	571007.09	649964.38	N 32 34 7.91	W 103 50 47.55
	413.00	0.07	269.72	413.00	-0.47	0.93	-0.51	0.15	571007.13	649964.29	N 32 34 7.91	W 103 50 47.55
	503.00	0.46	171.57	503.00	-0.49	0.57	-0.51	0.53	571006.77	649964.29	N 32 34 7.90	W 103 50 47.55
	569.00	0.26	207.39	569.00	-0.53	0.18	-0.54	0.44	571006.38	649964.26	N 32 34 7.90	W 103 50 47.55
	661.00	0.44	147.40	660.99	-0.45	-0.30	-0.44	0.42	571005.90	649964.36	N 32 34 7.89	W 103 50 47.55
	720.00	0.29	178.57	719.99	-0.34	-0.64	-0.32	0.41	571005.56	649964.48	N 32 34 7.89	W 103 50 47.55
19.625 Casing	776.00	0.14	145.86	775.99	-0.30	-0.84	-0.28	0.34	571005.36	649964.52	N 32 34 7.89	W 103 50 47.55
	820.00	0.17	178.01	819.99	-0.28	-0.95	-0.24	0.21	571005.25	649964.56	N 32 34 7.89	W 103 50 47.55
	842.00	0.20	188.74	841.99	-0.28	-1.02	-0.25	0.21	571005.18	649964.55	N 32 34 7.89	W 103 50 47.55
	932.00	0.37	145.60	931.99	-0.16	-1.42	-0.11	0.29	571004.78	649964.69	N 32 34 7.88	W 103 50 47.55
	1021.00	0.31	101.20	1020.99	0.23	-1.70	0.29	0.30	571004.50	649965.09	N 32 34 7.88	W 103 50 47.54
	1111.00	0.15	36.52	1110.99	0.54	-1.66	0.60	0.31	571004.54	649965.40	N 32 34 7.88	W 103 50 47.54
	1200.00	0.19	10.65	1199.99	0.65	-1.42	0.70	0.10	571004.78	649965.50	N 32 34 7.88	W 103 50 47.54
	1290.00	0.49	339.69	1289.99	0.56	-0.91	0.59	0.38	571005.29	649965.39	N 32 34 7.89	W 103 50 47.54
	1380.00	0.70	310.27	1379.98	0.03	-0.19	0.04	0.40	571006.01	649964.84	N 32 34 7.90	W 103 50 47.55
	1469.00	0.61	249.62	1468.98	-0.82	-0.01	-0.82	0.75	571006.19	649963.98	N 32 34 7.90	W 103 50 47.56
	1559.00	0.89	226.51	1558.97	-1.80	-0.65	-1.78	0.45	571005.55	649963.02	N 32 34 7.89	W 103 50 47.57
	1648.00	0.83	194.25	1647.96	-2.50	-1.75	-2.44	0.54	571004.45	649962.36	N 32 34 7.88	W 103 50 47.58
	1738.00	1.14	143.28	1737.95	-2.17	-3.10	-2.06	0.99	571003.10	649962.74	N 32 34 7.87	W 103 50 47.57
	1827.00	1.89	113.64	1826.92	-0.34	-4.40	-0.19	1.19	571001.80	649964.61	N 32 34 7.85	W 103 50 47.55
	1917.00	2.16	103.28	1916.86	2.64	-5.39	2.82	0.50	571000.81	649967.62	N 32 34 7.84	W 103 50 47.51
	2006.00	1.57	92.56	2005.81	5.47	-5.83	5.67	0.77	571000.37	649970.47	N 32 34 7.84	W 103 50 47.48
	2096.00	1.11	76.68	2095.79	7.55	-5.68	7.75	0.65	571000.52	649972.55	N 32 34 7.84	W 103 50 47.46
	2185.00	1.29	71.93	2184.77	9.36	-5.17	9.54	0.23	571001.03	649974.34	N 32 34 7.85	W 103 50 47.44
	2275.00	0.65	90.46	2274.76	10.84	-4.86	11.02	0.78	571001.34	649975.82	N 32 34 7.85	W 103 50 47.42
	2329.00	0.35	130.29	2328.76	11.27	-4.97	11.45	0.82	571001.23	649976.25	N 32 34 7.85	W 103 50 47.41
13.375 Casing	2405.00	0.64	234.71	2404.75	11.09	-5.37	11.28	1.06	571000.83	649976.08	N 32 34 7.84	W 103 50 47.42
	2409.00	0.68	236.21	2408.75	11.05	-5.39	11.24	1.06	571000.81	649976.04	N 32 34 7.84	W 103 50 47.42
	2498.00	0.36	351.84	2497.75	10.57	-5.41	10.76	1.01	571000.79	649975.56	N 32 34 7.84	W 103 50 47.42
	2588.00	0.73	263.29	2587.75	9.97	-5.20	10.15	0.90	571001.00	649974.95	N 32 34 7.85	W 103 50 47.43
	2677.00	0.37	263.72	2676.74	9.12	-5.29	9.30	0.40	571000.91	649974.10	N 32 34 7.84	W 103 50 47.44
	2767.00	0.35	281.79	2766.74	8.56	-5.27	8.75	0.13	571000.93	649973.54	N 32 34 7.84	W 103 50 47.44
	2856.00	0.29	280.53	2855.74	8.08	-5.17	8.26	0.07	571001.03	649973.06	N 32 34 7.85	W 103 50 47.45
	2946.00	0.31	293.28	2945.74	7.63	-5.04	7.81	0.08	571001.16	649972.61	N 32 34 7.85	W 103 50 47.46
	3036.00	0.29	267.45	3035.74	7.19	-4.95	7.36	0.15	571001.25	649972.16	N 32 34 7.85	W 103 50 47.46
	3125.00	0.26	253.69	3124.74	6.77	-5.02	6.94	0.08	571001.18	649971.74	N 32 34 7.85	W 103 50 47.47
	3214.00	0.24	251.36	3213.74	6.39	-5.13	6.57	0.03	571001.07	649971.37	N 32 34 7.85	W 103 50 47.47
	3304.00	0.26	240.26	3303.74	6.03	-5.29	6.21	0.06	571000.91	649971.01	N 32 34 7.84	W 103 50 47.47
	3393.00	0.23	308.96	3392.74	5.72	-5.28	5.90	0.31	571000.92	649970.70	N 32 34 7.84	W 103 50 47.48
	3482.00	0.48	276.43	3481.73	5.21	-5.13	5.39	0.35	571001.07	649970.19	N 32 34 7.85	W 103 50 47.48
	3572.00	1.91	232.97	3571.71	3.61	-5.99	3.82	1.77	571000.21	649968.62	N 32 34 7.84	W 103 50 47.50
	3661.00	2.21	231.95	3660.66	1.01	-7.94	1.28	0.34	570998.26	649966.08	N 32 34 7.82	W 103 50 47.53
	3751.00	2.30	232.04	3750.59	-1.85	-10.12	-1.51	0.10	570996.08	649963.29	N 32 34 7.80	W 103 50 47.56
	3840.00	2.52	231.58	3839.51	-4.87	-12.43	-4.45	0.25	570993.77	649960.35	N 32 34 7.77	W 103 50 47.60
	3930.00	2.52	216.70	3929.42	-7.70	-15.25	-7.18	0.72	570990.95	649957.62	N 32 34 7.75	W 103 50 47.63
	4019.00	2.67	201.16	4018.33	-9.73	-18.75	-9.10	0.81	570987.45	649955.70	N 32 34 7.71	W 103 50 47.65
9.625 Casing	4071.00	2.73	186.17	4070.27	-10.38	-21.11	-9.67	1.36	570985.09	649955.13	N 32 34 7.69	W 103 50 47.66
	4096.00	2.79	191.35	4095.24	-10.61	-22.30	-9.85	1.03	570983.90	649954.95	N 32 34 7.68	W 103 50 47.66
	4114.00	2.85	194.92	4113.22	-10.84	-23.16	-10.05	1.03	570983.04	649954.75	N 32 34 7.67	W 103 50 47.67
	4203.00	3.26	203.66	4202.10	-12.57	-27.62	-11.64	0.70	570978.58	649953.16	N 32 34 7.62	W 103 50 47.68
	4293.00	2.27	171.34	4292.00	-13.47	-31.73	-12.40	2.01	570974.48	649952.40	N 32 34 7.58	W 103 50 47.69
	4382.00	2.27	129.64	4380.93	-11.95	-34.59	-10.78	1.82	570971.61	649954.03	N 32 34 7.56	W 103 50 47.67
	4471.00	2.72	101.76	4469.85	-8.58	-36.15	-7.35	1.44	570970.05	649957.45	N 32 34 7.54	W 103 50 47.63
	4561.00	3.75	86.34	4559.71	-3.56	-36.40	-2.32	1.49	570969.81	649962.48	N 32 34 7.54	W 103 50 47.58
	4650.00	4.87	75.17	4648.46	3.03	-35.24	4.23	1.57	570970.96	649969.03	N 32 34 7.55	W 103 50 47.50
	4740.00	5.76	62.90	4738.07	10.85	-32.21	11.95	1.60	570973.99	649976.75	N 32 34 7.58	W 103 50 47.41
	4829.00	6.64	49.57	4826.55	18.92	-26.84	19.84	1.89	570979.37	649984.64	N 32 34 7.63	W 103 50 47.32
	4919.00	7.46	42.96	4915.87	27.11	-19.19	27.78	1.28	570987.02	649992.58	N 32 34 7.71	W 103 50 47.22
	5008.00	7.93	40.31	5004.07	35.32	-10.28	35.69	0.66	570995.93	650000.49	N 32 34 7.79	W 103 50 47.13
	5098.00	8.11	39.43	5093.19	43.69	-0.64	43.74	0.24	571005.56	650008.54	N 32 34 7.89	W 103 50 47.04
	5187.00	7.84	40.14	5181.33	51.91	8.85	51.64	0.32	571015.05	650016.44	N 32 34 7.98	W 103 50 46.94

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	5277.00	8.13	43.71	5270.46	60.58	18.14	60.00	0.64	571024.34	650024.79	N 32 34 8.07	W 103 50 46.84
	5366.00	7.71	43.88	5358.61	69.36	27.00	68.48	0.47	571033.19	650033.28	N 32 34 8.16	W 103 50 46.75
	5455.00	7.84	42.43	5446.79	77.89	35.78	76.72	0.26	571041.98	650041.51	N 32 34 8.25	W 103 50 46.65
	5544.00	8.46	42.25	5534.89	86.70	45.11	85.21	0.70	571051.30	650050.70	N 32 34 8.34	W 103 50 46.55
	5633.00	8.76	43.82	5622.89	96.12	54.84	94.31	0.43	571061.04	650059.10	N 32 34 8.44	W 103 50 46.44
	5723.00	8.20	45.95	5711.91	105.79	64.25	103.67	0.71	571070.45	650068.46	N 32 34 8.53	W 103 50 46.33
	5812.00	7.80	44.54	5800.04	114.88	72.97	112.46	0.50	571079.16	650077.26	N 32 34 8.61	W 103 50 46.23
	5902.00	8.09	46.99	5889.18	124.09	81.64	121.38	0.50	571087.83	650086.17	N 32 34 8.70	W 103 50 46.12
	5991.00	8.14	45.99	5977.29	133.49	90.29	130.49	0.17	571096.48	650095.28	N 32 34 8.78	W 103 50 46.02
	6081.00	8.40	45.40	6066.35	143.05	99.33	139.75	0.30	571105.53	650104.54	N 32 34 8.87	W 103 50 45.91
	6170.00	8.27	44.16	6154.41	152.45	108.49	148.84	0.25	571114.68	650113.63	N 32 34 8.96	W 103 50 45.80
	6260.00	8.18	43.69	6243.48	161.69	117.76	157.77	0.12	571123.95	650122.56	N 32 34 9.06	W 103 50 45.70
	6349.00	8.01	41.91	6331.60	170.51	126.96	166.29	0.34	571133.15	650131.08	N 32 34 9.15	W 103 50 45.60
	6439.00	7.94	41.66	6420.73	179.15	136.27	174.61	0.09	571142.46	650139.40	N 32 34 9.24	W 103 50 45.50
	6528.00	7.80	39.50	6508.89	187.38	145.52	182.54	0.37	571151.71	650147.32	N 32 34 9.33	W 103 50 45.41
	6618.00	7.94	39.25	6598.04	195.52	155.04	190.35	0.16	571161.23	650155.14	N 32 34 9.42	W 103 50 45.31
	6707.00	7.88	39.54	6686.19	203.61	164.51	198.13	0.08	571170.70	650162.91	N 32 34 9.52	W 103 50 45.22
	6797.00	7.40	38.90	6775.39	211.49	173.78	205.70	0.54	571179.97	650170.48	N 32 34 9.61	W 103 50 45.13
	6886.00	7.32	45.01	6863.66	219.38	182.25	213.30	0.88	571188.43	650178.09	N 32 34 9.69	W 103 50 45.04
	6976.00	7.35	44.54	6952.93	227.75	190.40	221.40	0.07	571196.59	650186.18	N 32 34 9.77	W 103 50 44.95
	7065.00	7.47	42.72	7041.18	235.94	198.71	229.31	0.30	571204.90	650194.10	N 32 34 9.85	W 103 50 44.86
	7155.00	7.55	46.36	7130.41	244.47	207.09	237.56	0.54	571213.28	650202.35	N 32 34 9.94	W 103 50 44.76
	7244.00	7.12	48.46	7218.68	253.09	214.78	245.92	0.57	571220.97	650210.71	N 32 34 10.01	W 103 50 44.66
	7334.00	6.80	46.68	7308.02	261.39	222.14	253.97	0.43	571228.32	650218.76	N 32 34 10.08	W 103 50 44.57
	7423.00	7.30	43.59	7396.35	269.38	229.85	261.71	0.70	571236.03	650226.49	N 32 34 10.16	W 103 50 44.48
	7513.00	7.32	41.88	7485.62	277.43	238.26	269.48	0.24	571244.44	650234.26	N 32 34 10.24	W 103 50 44.39
	7602.00	6.16	41.41	7574.00	284.63	246.06	276.42	1.30	571252.24	650241.20	N 32 34 10.32	W 103 50 44.30
	7692.00	4.85	35.73	7663.58	290.27	252.77	281.84	1.57	571258.95	650246.62	N 32 34 10.39	W 103 50 44.24
	7781.00	4.15	30.98	7752.31	294.32	258.59	285.69	0.89	571264.77	650250.47	N 32 34 10.44	W 103 50 44.19
	7871.00	3.86	40.45	7842.09	298.14	263.68	289.33	0.80	571269.87	650254.11	N 32 34 10.49	W 103 50 44.15
	7961.00	2.78	39.54	7931.94	301.63	267.67	292.69	1.20	571273.85	650257.47	N 32 34 10.53	W 103 50 44.11
	8050.00	1.58	24.53	8020.87	303.60	270.45	294.57	1.48	571276.64	650259.35	N 32 34 10.56	W 103 50 44.09
	8140.00	1.08	0.21	8110.85	304.19	272.43	295.09	0.83	571278.61	650259.87	N 32 34 10.58	W 103 50 44.08
	8229.00	1.04	265.08	8199.84	303.41	273.20	294.29	1.76	571279.38	650259.07	N 32 34 10.59	W 103 50 44.09
	8319.00	0.46	277.61	8289.83	302.24	273.18	293.12	0.67	571279.36	650257.90	N 32 34 10.59	W 103 50 44.11
	8408.00	0.66	232.53	8378.83	301.47	272.91	292.35	0.53	571279.10	650257.13	N 32 34 10.58	W 103 50 44.12
	8498.00	0.28	207.53	8468.82	300.94	272.40	291.84	0.47	571278.58	650256.62	N 32 34 10.58	W 103 50 44.12
	8588.00	0.57	348.41	8558.82	300.76	272.65	291.65	0.90	571278.83	650256.43	N 32 34 10.58	W 103 50 44.12
	8677.00	0.71	298.26	8647.82	300.21	273.34	291.07	0.63	571279.52	650255.86	N 32 34 10.59	W 103 50 44.13
	8767.00	0.79	330.80	8737.81	299.44	274.15	290.28	0.47	571280.33	650255.06	N 32 34 10.60	W 103 50 44.14
	8856.00	1.02	302.80	8826.80	298.51	275.11	289.32	0.55	571281.29	650254.10	N 32 34 10.61	W 103 50 44.15
	8946.00	0.34	244.73	8916.79	297.61	275.43	288.40	0.99	571281.61	650253.18	N 32 34 10.61	W 103 50 44.16
	9035.00	0.37	147.38	9005.79	297.51	275.08	288.32	0.60	571281.26	650253.10	N 32 34 10.61	W 103 50 44.16
	9125.00	0.87	131.65	9095.79	298.15	274.38	288.50	0.58	571280.56	650253.76	N 32 34 10.60	W 103 50 44.16
	9214.00	0.65	160.13	9184.78	298.80	273.45	289.66	0.48	571279.64	650254.44	N 32 34 10.59	W 103 50 44.15
	9255.00	1.47	155.12	9225.77	299.07	272.76	289.96	2.01	571278.94	650254.74	N 32 34 10.58	W 103 50 44.14
	9287.00	3.20	105.71	9257.75	300.09	272.14	290.99	7.83	571278.33	650255.77	N 32 34 10.58	W 103 50 44.13
	9331.00	9.92	79.73	9301.44	305.01	272.49	295.91	16.32	571278.67	650260.69	N 32 34 10.58	W 103 50 44.07
	9376.00	15.18	75.10	9345.35	314.60	274.70	305.43	11.89	571280.88	650270.21	N 32 34 10.60	W 103 50 43.96
	9421.00	18.32	75.26	9388.44	327.24	278.01	317.96	6.98	571284.19	650282.74	N 32 34 10.63	W 103 50 43.82
	9466.00	20.74	83.07	9430.85	342.08	280.77	332.72	7.90	571286.95	650297.49	N 32 34 10.66	W 103 50 43.64
	9511.00	23.16	86.33	9472.59	358.86	282.30	349.46	6.02	571288.48	650314.24	N 32 34 10.67	W 103 50 43.45
	9555.00	27.38	83.80	9512.37	377.61	283.95	368.16	9.90	571290.13	650332.94	N 32 34 10.69	W 103 50 43.23
	9600.00	30.42	82.61	9551.76	399.28	286.53	389.75	6.88	571292.71	650354.53	N 32 34 10.71	W 103 50 42.98
	9645.00	31.42	83.03	9590.36	422.30	289.42	412.69	2.27	571295.60	650377.47	N 32 34 10.74	W 103 50 42.71
	9690.00	35.63	87.38	9627.88	447.11	291.44	437.45	10.77	571297.62	650402.22	N 32 34 10.76	W 103 50 42.42
	9735.00	39.51	91.26	9663.54	474.52	291.73	464.86	10.10	571297.91	650429.63	N 32 34 10.76	W 103 50 42.10
	9779.00	45.00	93.13	9696.10	504.02	290.57	494.41	12.80	571296.75	650459.18	N 32 34 10.75	W 103 50 41.75
	9824.00	49.34	94.74	9726.68	536.83	288.29	527.33	9.99	571294.47	650492.09	N 32 34 10.73	W 103 50 41.37
	9869.00	53.33	93.56	9754.79	571.76	285.76	562.36	9.10	571291.94	650527.13	N 32 34 10.70	W 103 50 40.96
	9914.00	57.07	92.73	9780.47	608.56	283.74	599.25	8.45	571289.92	650564.01	N 32 34 10.68	W 103 50 40.53
	9958.00	59.36	89.10	9803.65	645.90	283.15	636.64	8.73	571289.34	650601.40	N 32 34 10.67	W 103 50 40.09
	10003.00	62.63	87.54	9825.47	685.25	284.32	675.97	7.87	571290.50	650640.72	N 32 34 10.68	W 103 50 39.63
	10048.00	67.98	87.81	9844.26	726.12	285.97	716.81	11.90	571292.15	650681.56	N 32 34 10.69	W 103 50 39.16
	10093.00	73.80	88.94	9858.99	768.62	287.17	759.29	13.15	571293.35	650724.04	N 32 34 10.70	W 103 50 38.66
	10136.00	80.30	89.84	9868.62	810.49	287.61	801.17	15.25	571293.79	650765.92	N 32 34 10.71	W 103 50 38.17
	10182.00	87.87	89.58	9873.36	856.20	287.84	846.89	16.47	571294.02	650811.64	N 32 34 10.71	W 103 50 37.64
	10227.00	90.06	90.00	9874.17	901.17	288.01	891.88	4.96	571294.19	650856.62	N 32 34 10.71	W 103 50 37.11
	10272.00	88.52	90.55	9874.73	946.13	287.79	936.88	3.63	571293.97	650901.61	N 32 34 10.70	W 103 50 36.58
	10297.00	88.46	90.98	9875.39	971.09	287.46	961.87	1.74	571293.64	650926.60	N 32 34 10.70	W 103 50 36.29
	10344.00	88.85	91.52	9876.49	1018.00	286.43	1008.84	1.42	571292.61	650973.57	N 32 34 10.69	W 103 50 35.74
	10433.00	89.14	90.59	9878.05	1106.87	284.80	1097.81	1.09	571290.98	651062.54	N 32 34 10.67	W 103 50 34.70
	10523.00	89.08	90.71	9879.45	1196.76	283.77	1187.79	0.15	571289.96	651152.52	N 32 34 10.65	W 103 50 33.65
	10612.00	89.11	90.63	9880.85	1285.66	282.73	1276.78	0.10	571288.92	651241.49	N 32 34 10.64	W 103 50 32.61
	10701.00	89.11	90.77	9882.24	1374.55	281.65	1365.76	0.16	571287.83	651330.47	N 32 34 10.62	W 103 50 31.57
	10791.00	89.11	90.71	9883.63	1464.44	280.48	1455.74	0.07	571286.67	651420.44	N 32 34 10.61	W 103 50 30.52
	10880.00	89.20	90.65	9884.95	1553.34	279.43						

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	12043.00	89.17	90.49	9894.69	2715.16	271.61	2707.49	0.21	571277.79	652672.10	N 32 34 10.46 W	103 50 15.90
	12133.00	88.85	90.26	9896.24	2805.07	271.02	2797.47	0.44	571277.20	652762.08	N 32 34 10.45 W	103 50 14.84
	12222.00	88.68	90.32	9898.16	2893.98	270.57	2886.45	0.20	571276.75	652851.06	N 32 34 10.44 W	103 50 13.81
	12311.00	88.68	90.39	9900.21	2982.89	270.02	2975.42	0.08	571276.20	652940.02	N 32 34 10.43 W	103 50 12.77
	12401.00	88.74	90.45	9902.24	3072.79	269.36	3065.40	0.09	571275.54	653029.99	N 32 34 10.42 W	103 50 11.71
	12491.00	89.00	90.40	9904.01	3162.69	268.69	3155.38	0.29	571274.87	653119.97	N 32 34 10.41 W	103 50 10.66
	12580.00	91.17	89.92	9903.88	3251.63	268.44	3244.37	2.50	571274.63	653208.95	N 32 34 10.40 W	103 50 9.62
	12670.00	93.33	88.31	9900.35	3341.53	269.83	3334.28	2.99	571276.01	653298.86	N 32 34 10.41 W	103 50 8.57
	12759.00	93.18	87.80	9895.30	3430.39	272.85	3423.09	0.60	571279.03	653387.66	N 32 34 10.44 W	103 50 7.53
	12849.00	92.98	87.51	9890.46	3520.26	276.52	3512.88	0.39	571282.71	653477.45	N 32 34 10.47 W	103 50 6.49
	12938.00	91.09	86.04	9887.30	3609.20	279.98	3601.76	2.21	571286.16	653566.31	N 32 34 10.50 W	103 50 5.45
	13028.00	89.83	87.48	9886.58	3699.19	283.49	3691.68	1.53	571289.68	653656.23	N 32 34 10.53 W	103 50 4.40
	13117.00	89.66	88.17	9886.97	3788.19	286.87	3780.62	0.80	571293.05	653745.16	N 32 34 10.56 W	103 50 3.36
	13207.00	90.95	89.48	9886.49	3878.18	288.72	3870.59	2.04	571294.90	653835.13	N 32 34 10.58 W	103 50 2.30
	13297.00	91.09	90.02	9884.89	3968.12	289.11	3960.58	0.62	571295.29	653925.11	N 32 34 10.58 W	103 50 1.25
	13386.00	91.63	90.18	9882.78	4057.04	288.95	4049.55	0.63	571295.14	654014.08	N 32 34 10.57 W	103 50 0.21
	13476.00	90.34	89.52	9881.23	4146.98	289.19	4139.54	1.61	571295.37	654104.06	N 32 34 10.57 W	103 49 59.16
	13566.00	90.40	90.29	9880.65	4236.93	289.34	4229.53	0.86	571295.52	654194.05	N 32 34 10.57 W	103 49 58.11
	13655.00	90.32	90.37	9880.09	4325.86	288.83	4318.53	0.13	571295.01	654283.04	N 32 34 10.56 W	103 49 57.07
	13744.00	88.85	90.44	9880.74	4414.78	288.20	4407.52	1.65	571294.38	654372.03	N 32 34 10.55 W	103 49 56.03
	13834.00	88.57	90.48	9882.76	4504.67	287.48	4497.50	0.31	571293.66	654461.99	N 32 34 10.53 W	103 49 54.98
	13924.00	88.94	90.65	9884.72	4594.57	286.59	4587.47	0.45	571292.77	654551.96	N 32 34 10.52 W	103 49 53.93
	14013.00	89.48	90.48	9886.01	4683.47	285.71	4676.46	0.55	571291.89	654640.94	N 32 34 10.51 W	103 49 52.89
	14103.00	89.86	90.43	9886.59	4773.39	285.00	4766.45	0.51	571291.18	654730.93	N 32 34 10.50 W	103 49 51.84
	14192.00	89.77	90.30	9886.88	4862.32	284.43	4855.45	0.18	571290.61	654819.92	N 32 34 10.49 W	103 49 50.80
	14282.00	89.23	90.31	9887.66	4952.24	283.95	4945.44	0.60	571290.13	654909.91	N 32 34 10.48 W	103 49 49.75
	14371.00	89.08	90.40	9888.97	5041.16	283.40	5034.43	0.20	571289.58	654998.90	N 32 34 10.47 W	103 49 48.71
	14461.00	88.33	88.51	9891.01	5131.11	284.25	5124.40	2.26	571290.44	655088.86	N 32 34 10.47 W	103 49 47.65
	14550.00	88.51	88.27	9893.46	5220.07	286.75	5213.33	0.34	571292.93	655177.78	N 32 34 10.49 W	103 49 46.62
	14640.00	89.63	88.41	9894.92	5310.06	289.36	5303.28	1.25	571295.54	655267.73	N 32 34 10.52 W	103 49 45.56
	14729.00	90.14	88.21	9895.10	5399.05	291.99	5392.24	0.62	571298.17	655356.68	N 32 34 10.54 W	103 49 44.52
	14819.00	90.11	88.02	9894.90	5489.05	294.95	5482.19	0.21	571301.13	655446.62	N 32 34 10.56 W	103 49 43.47
	14908.00	90.00	88.05	9894.82	5578.05	298.00	5571.14	0.13	571304.18	655535.57	N 32 34 10.59 W	103 49 42.43
	14998.00	89.14	88.25	9895.49	5668.05	300.90	5661.09	0.98	571307.08	655625.51	N 32 34 10.61 W	103 49 41.38
	15087.00	89.31	88.11	9896.70	5757.04	303.73	5750.04	0.25	571309.91	655714.45	N 32 34 10.64 W	103 49 40.34
	15176.00	89.14	87.82	9897.90	5846.03	306.89	5838.97	0.38	571313.07	655803.38	N 32 34 10.66 W	103 49 39.30
	15266.00	89.23	88.02	9899.18	5936.02	310.16	5928.90	0.24	571316.33	655893.31	N 32 34 10.69 W	103 49 38.25
	15355.00	89.14	88.94	9900.45	6025.01	312.52	6017.86	1.04	571318.70	655982.26	N 32 34 10.71 W	103 49 37.21
	15445.00	90.29	88.26	9900.90	6115.01	314.72	6107.83	1.48	571320.89	656072.22	N 32 34 10.73 W	103 49 36.16
	15534.00	90.32	88.06	9900.42	6204.00	317.57	6196.79	0.23	571323.75	656161.17	N 32 34 10.75 W	103 49 35.12
	15624.00	90.11	89.07	9900.08	6294.00	319.83	6286.76	1.15	571326.01	656251.13	N 32 34 10.77 W	103 49 34.07
	15713.00	90.52	89.92	9899.60	6382.97	320.61	6375.75	1.06	571326.79	656340.12	N 32 34 10.77 W	103 49 33.03
	15803.00	89.71	90.01	9899.41	6472.92	320.67	6465.75	0.91	571326.84	656430.11	N 32 34 10.77 W	103 49 31.98
	15892.00	89.05	89.96	9900.38	6561.86	320.69	6554.74	0.74	571326.87	656519.10	N 32 34 10.77 W	103 49 30.94
	15982.00	89.43	90.38	9901.57	6651.79	320.42	6644.73	0.63	571326.60	656609.09	N 32 34 10.76 W	103 49 29.89
	16072.00	88.71	89.74	9903.03	6741.72	320.33	6734.72	1.07	571326.51	656699.07	N 32 34 10.75 W	103 49 28.84
	16161.00	88.31	90.57	9905.35	6830.63	320.09	6823.69	1.03	571326.27	656788.03	N 32 34 10.75 W	103 49 27.80
	16251.00	89.48	90.70	9907.08	6920.52	319.09	6913.67	1.31	571325.27	656878.00	N 32 34 10.73 W	103 49 26.75
	16340.00	90.32	90.37	9907.24	7009.44	318.26	7002.66	1.01	571324.44	656966.99	N 32 34 10.72 W	103 49 25.71
	16429.00	90.34	90.31	9906.72	7098.36	317.73	7091.66	0.07	571323.91	657055.98	N 32 34 10.71 W	103 49 24.67
	16519.00	91.35	90.35	9905.40	7188.28	317.21	7181.65	1.12	571323.39	657145.96	N 32 34 10.70 W	103 49 23.61
	16608.00	91.37	90.00	9903.29	7277.19	316.94	7270.62	0.39	571323.12	657234.93	N 32 34 10.70 W	103 49 22.57
	16698.00	91.46	90.01	9901.06	7367.11	316.93	7360.59	0.10	571323.11	657324.90	N 32 34 10.69 W	103 49 21.52
	16787.00	91.49	89.75	9898.77	7456.04	317.12	7449.56	0.29	571323.30	657413.86	N 32 34 10.69 W	103 49 20.48
	16877.00	91.32	89.57	9896.57	7545.98	317.65	7539.53	0.28	571323.83	657503.83	N 32 34 10.69 W	103 49 19.43
	16966.00	91.26	90.15	9894.56	7634.91	317.87	7628.51	0.65	571324.05	657592.80	N 32 34 10.69 W	103 49 18.39
	17056.00	91.35	90.03	9892.51	7724.83	317.73	7718.49	0.17	571323.91	657682.77	N 32 34 10.68 W	103 49 17.34
	17145.00	90.77	90.14	9890.87	7813.76	317.60	7807.47	0.66	571323.78	657771.75	N 32 34 10.68 W	103 49 16.30
	17235.00	90.80	89.96	9889.63	7903.69	317.52	7897.46	0.20	571323.70	657861.73	N 32 34 10.67 W	103 49 15.25
	17324.00	90.72	90.05	9888.45	7993.63	317.51	7986.46	0.14	571323.69	657950.72	N 32 34 10.67 W	103 49 14.21
	17414.00	90.29	90.32	9887.66	8082.57	317.22	8076.45	0.56	571323.40	658040.71	N 32 34 10.66 W	103 49 13.16
	17503.00	89.51	89.96	9887.81	8171.51	317.00	8165.45	0.97	571323.18	658129.70	N 32 34 10.65 W	103 49 12.12
	17592.00	88.91	90.58	9889.04	8260.43	316.58	8254.44	0.97	571322.76	658218.69	N 32 34 10.65 W	103 49 11.08
	17682.00	88.85	90.98	9890.80	8350.31	315.36	8344.41	0.45	571321.54	658308.65	N 32 34 10.63 W	103 49 10.03
	17771.00	87.68	90.70	9893.49	8439.16	314.05	8433.36	1.35	571320.23	658397.60	N 32 34 10.61 W	103 49 8.99
	17860.00	87.74	91.16	9897.05	8527.98	312.61	8522.28	0.52	571318.79	658486.51	N 32 34 10.59 W	103 49 7.95
	17950.00	88.60	90.73	9899.93	8617.82	311.13	8612.22	1.07	571317.31	658576.44	N 32 34 10.57 W	103 49 6.90
	18039.00	88.63	89.28	9902.08	8706.74	311.12	8701.19	1.63	571317.30	658665.41	N 32 34 10.57 W	103 49 5.86
	18129.00	88.80	89.21	9904.09	8796.70	312.31	8791.16	0.20	571318.48	658755.37	N 32 34 10.58 W	103 49 4.81
	18219.00	88.85	89.13	9905.94	8886.66	313.61	8881.13	0.10	571319.79	658845.34	N 32 34 10.59 W	103 49 3.76
	18308.00	88.60	89.32	9907.92	8975.62	314.81	8970.10	0.35	571320.99	658934.30	N 32 34 10.59 W	103 49 2.72
	18398.00	88.85	89.27	9909.92	9065.58	315.92	9060.07	0.28	571322.10	659024.26	N 32 34 10.60 W	103 49 1.67
	18487.00	88.74	89.14	9911.79	9154.54	317.15	9149.05	0.19	571323.33	659113.23	N 32 34 10.61 W	103 49 0.63
	18577.00	89.20	89.00	9913.41	9244.51	318.61	9239.02	0.53	571324.79	659203.20	N 32 34 10.62 W	103 48 59.07
	18667.00	89.37	88.84	9914.54	9334.49	320.31	9329.00	0.26	571326.49	659293.17	N 32 34 10.63 W	103

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma												
Survey Program:												
Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey				
No Corrections	1	0,000	25,000	1/98,425	24,000	18,625	NAL_MWD-NON_SLB-Depth Only	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
No Corrections	1	25,000	25,000	Act Stns	24,000	18,625	NAL_MWD-NON_SLB-Depth Only	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
No Corrections	1	25,000	820,000	Act Stns	24,000	18,625	NAL_MWD-NON_SLB	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
No Corrections	1	820,000	2405,000	Act Stns	17,500	13,375	NAL_MWD-NON_SLB	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
No Corrections	1	2405,000	4071,000	Act Stns	12,250	9,625	NAL_MWD-NON_SLB	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
	1	4071,000	4096,000	Act Stns	12,250	9,625	NAL_MWD_IFR1+MS	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
	1	4096,000	10227,000	Act Stns	8,750	5,500	NAL_MWD_IFR1+MS	Big Eddy Unit 30E Rey #102H / Final Survey XTO Energy Big Eddy Unit 30E Rey #102H 0ft to				
Lateral Surveys Corrected by MagVar	1	10227,000	19455,000	Act Stns	8,500	5,500	NAL_MWD_IFR1+MS	Big Eddy Unit 30E Rey #102H 0ft to				

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 27652

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 27652
	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 27652

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 27652
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/20/2021