

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 5380
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-49032	⁵ Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP (OIL)	⁶ Pool Code 98135
⁷ Property Code 39243	⁸ Property Name ESTANCIA SED STATE	⁹ Well Number 103H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	31	23S	33E		409	South	1269	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
C	31	23S	33E		13	North	2053	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				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing, LP	Oil
371960	Lucid Energy Delaware, LLC	Oil
05380	XTO Energy, Inc	Gas/Wtr

IV. Well Completion Data

²¹ Spud Date 8/16/2021	²² Ready Date 3/14/2022	²³ TD 17510 MD 12501 TVD	²⁴ MBTD 17499 MD 12501 TVD	²⁵ Perforations 12,592 TO 17,412	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625	1,563	835		
8.75	7.625	11,819	1,790		
6.75	5.0	17,501	1330		
	2-7/8	12026			

V. Well Test Data

³¹ Date New Oil 3/15/22	³² Gas Delivery Date 3/22/22	³³ Test Date 3/22/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1419	³⁶ Csg. Pressure 359
³⁷ Choke Size	³⁸ Oil 2276	³⁹ Water 2820	⁴⁰ Gas 4953		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Cassie Evans*Printed name: **Cassie Evans**Title: **Regulatory Analyst**E-mail Address: **cassie.evans@exxonmobil.com**Date: **04/20/22**Phone: **432.218.3671**

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**Title: **PETROLEUM SPECIALIST**Approval Date: **4/5/2023**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED PLAT

¹ API Number 30-025-49032	² Pool Code 98135	³ Pool Name WC-025 G-09 S243310P; UPPER WOLFCAMP
⁴ Property Code 39243	⁵ Property Name ESTANCIA SED	⁶ Well Number 103H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,649'

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
N	31	23 S	33 E		409	SOUTH	1,269	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
C	31	23 S	33 E		13	NORTH	2,053	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY.

	¹⁶ SHL (NAD83 NME) Y = 457,279.2 X = 763,190.1 LAT. = 32.255097 °N LONG. = 103.615666 °W KOP (NAD83 NME) Y = 456,925.9 X = 764,035.7 LAT. = 32.254111 °N LONG. = 103.612939 °W FTP (NAD83 NME) Y = 457,264.5 X = 764,003.1 LAT. = 32.255042 °N LONG. = 103.613037 °W CORNER COORDINATES (NAD83 NME) A - Y = 456,876.5 N , X = 764,505.6 E B - Y = 459,517.1 N , X = 764,488.1 E C - Y = 462,159.2 N , X = 764,470.7 E D - Y = 456,870.3 N , X = 763,185.1 E E - Y = 459,510.5 N , X = 763,165.8 E F - Y = 462,151.3 N , X = 763,149.5 E SHL (NAD27 NME) Y = 457,220.7 X = 722,006.4 LAT. = 32.254975 °N LONG. = 103.615185 °W KOP (NAD27 NME) Y = 456,867.4 X = 722,852.0 LAT. = 32.253989 °N LONG. = 103.612458 °W FTP (NAD27 NME) Y = 457,205.9 X = 722,819.4 LAT. = 32.254920 °N LONG. = 103.612556 °W CORNER COORDINATES (NAD27 NME) A - Y = 456,818.0 N , X = 723,321.9 E B - Y = 459,458.5 N , X = 723,304.5 E C - Y = 462,100.6 N , X = 723,287.2 E D - Y = 456,811.7 N , X = 722,001.4 E E - Y = 459,451.9 N , X = 721,982.2 E F - Y = 462,092.7 N , X = 721,966.0 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. Date: 04/20/22 Signature: _____ Printed Name: Cassie Evans E-mail Address: cassie.evans@exxonmobil.com
	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. Date of Survey: 4-19-2022 Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number: JC 2018112879	

Intent ☐ As Drilled ☒

API # 30-025-49032		
Operator Name: XTO ENERGY, INC.	Property Name: ESTANCIA SED	Well Number 103H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	31	23S	33E		52	FSL	2,113	FWL	EDDY
Latitude 32.254111					Longitude 103.612939				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	31	23S	33E		390	FSL	2,082	FWL	EDDY
Latitude 32.255042					Longitude 103.613037				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	31	23S	33E		111	FNL	2,061	FWL	EDDY
Latitude 32.268183					Longitude 103.613083				NAD 83

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



XTO ENERGY INC.

**LEA COUNTY, NM
ESTANCIA SED
ES 103H
ES 103H**

Design: ES 103H

FINAL SURVEY REPORT

27 September, 2021





GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Project		LEA COUNTY, NM	
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		ESTANCIA SED			
Site Position:		Northing:		Latitude:	
From:	Map	459,000.00 usft		32.259848	
Position Uncertainty:		Easting:		Longitude:	
0.00 usft		723,000.00 usft		-103.611933	
		Slot Radius:		Grid Convergence:	
		13-3/16 "		0.39 °	

Well		ES 103H, SUR. N 457,220.70 E 722,006.40				
Well Position	+N/-S	0.00 usft	Northing:	457,220.70 usft	Latitude:	32.254975
	+E/-W	0.00 usft	Easting:	722,006.40 usft	Longitude:	-103.615185
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,649.00 usft

Wellbore	ES 103H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/3/2021	6.57	59.92	47,509

Design		ES 103H						
Audit Notes:								
Version:		1.0	Phase:		ACTUAL	Tie On Depth:		0.00
Vertical Section:		Depth From (TVD) (usft)		+N/-S (usft)		+E/-W (usft)		Direction (°)
		0.00		0.00		0.00		359.70

Survey Program		Date	9/27/2021		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
141.00	17,510.00	GGDS SURVEY (ES 103H)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	



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Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
0.00	0.00	0.00	0.00	3,682.00	0.00	0.00	457,220.70	722,006.40	0.00	0.00
141.00	1.20	177.38	140.99	3,541.01	-1.47	0.07	457,219.23	722,006.47	0.85	-1.48
322.00	1.54	183.33	321.94	3,360.06	-5.80	0.01	457,214.90	722,006.41	0.20	-5.80
506.00	1.32	189.45	505.88	3,176.12	-10.36	-0.48	457,210.34	722,005.92	0.15	-10.35
598.00	1.25	189.19	597.86	3,084.14	-12.39	-0.81	457,208.31	722,005.59	0.08	-12.39
689.00	1.17	191.12	688.84	2,993.16	-14.28	-1.15	457,206.42	722,005.25	0.10	-14.28
780.00	1.27	191.52	779.82	2,902.18	-16.18	-1.53	457,204.52	722,004.87	0.11	-16.17
870.00	1.19	199.26	869.80	2,812.20	-18.04	-2.04	457,202.66	722,004.36	0.20	-18.03
963.00	0.99	205.76	962.78	2,719.22	-19.68	-2.71	457,201.02	722,003.69	0.25	-19.66
1,056.00	1.02	213.68	1,055.76	2,626.24	-21.09	-3.51	457,199.61	722,002.89	0.15	-21.07
1,146.00	0.88	223.92	1,145.75	2,536.25	-22.25	-4.44	457,198.45	722,001.96	0.24	-22.23
1,239.00	0.73	209.44	1,238.74	2,443.26	-23.28	-5.22	457,197.42	722,001.18	0.27	-23.26
1,331.00	0.63	204.25	1,330.74	2,351.26	-24.26	-5.72	457,196.44	722,000.68	0.13	-24.23
1,424.00	0.29	196.94	1,423.73	2,258.27	-24.95	-6.00	457,195.75	722,000.40	0.37	-24.92
1,608.00	0.28	142.43	1,607.73	2,074.27	-25.75	-5.86	457,194.95	722,000.54	0.14	-25.72
1,652.00	0.32	186.83	1,651.73	2,030.27	-25.96	-5.81	457,194.74	722,000.59	0.52	-25.93
1,747.00	2.73	113.15	1,746.69	1,935.31	-27.11	-3.76	457,193.59	722,002.64	2.80	-27.09
1,842.00	5.35	117.77	1,841.45	1,840.55	-30.06	2.24	457,190.64	722,008.64	2.78	-30.07
1,936.00	7.72	121.25	1,934.83	1,747.17	-35.38	11.52	457,185.32	722,017.92	2.56	-35.44
2,030.00	9.95	124.00	2,027.71	1,654.29	-43.20	23.65	457,177.50	722,030.05	2.41	-43.32
2,125.00	10.29	119.45	2,121.23	1,560.77	-51.96	37.84	457,168.74	722,044.24	0.91	-52.16
2,220.00	11.19	108.43	2,214.58	1,467.42	-59.05	53.98	457,161.65	722,060.38	2.36	-59.33
2,314.00	11.50	108.72	2,306.74	1,375.26	-64.94	71.50	457,155.76	722,077.90	0.34	-65.31
2,409.00	11.58	109.95	2,399.82	1,282.18	-71.23	89.44	457,149.47	722,095.84	0.27	-71.70
2,503.00	11.51	109.84	2,491.92	1,190.08	-77.63	107.13	457,143.07	722,113.53	0.08	-78.19
2,598.00	11.54	109.10	2,585.01	1,096.99	-83.96	125.02	457,136.74	722,131.42	0.16	-84.61
2,693.00	11.60	110.19	2,678.08	1,003.92	-90.36	142.96	457,130.34	722,149.36	0.24	-91.11



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
2,788.00	11.78	110.47	2,771.10	910.90	-97.05	161.01	457,123.65	722,167.41	0.20	-97.89
2,882.00	11.85	109.27	2,863.11	818.89	-103.59	179.11	457,117.11	722,185.51	0.27	-104.53
2,977.00	11.95	108.98	2,956.07	725.93	-110.01	197.62	457,110.69	722,204.02	0.12	-111.04
3,072.00	11.85	109.59	3,049.03	632.97	-116.48	216.11	457,104.22	722,222.51	0.17	-117.61
3,167.00	11.86	109.90	3,142.00	540.00	-123.07	234.48	457,097.63	722,240.88	0.07	-124.30
3,261.00	12.10	109.36	3,233.96	448.04	-129.63	252.86	457,091.07	722,259.26	0.28	-130.95
3,356.00	11.97	109.75	3,326.87	355.13	-136.26	271.52	457,084.44	722,277.92	0.16	-137.68
3,451.00	12.01	109.11	3,419.80	262.20	-142.82	290.14	457,077.88	722,296.54	0.15	-144.34
3,545.00	11.71	107.52	3,511.79	170.21	-148.90	308.47	457,071.80	722,314.87	0.47	-150.51
3,640.00	11.12	107.30	3,604.91	77.09	-154.52	326.41	457,066.18	722,332.81	0.62	-156.23
3,735.00	10.43	107.91	3,698.23	-16.23	-159.89	343.34	457,060.81	722,349.74	0.74	-161.69
3,829.00	11.77	114.01	3,790.48	-108.48	-166.41	360.20	457,054.29	722,366.60	1.89	-168.29
3,924.00	11.79	117.67	3,883.48	-201.48	-174.86	377.64	457,045.84	722,384.04	0.79	-176.83
4,019.00	10.97	118.61	3,976.61	-294.61	-183.69	394.18	457,037.01	722,400.58	0.88	-185.75
4,113.00	10.04	120.09	4,069.03	-387.03	-192.08	409.12	457,028.62	722,415.52	1.03	-194.22
4,207.00	10.45	117.86	4,161.53	-479.53	-200.18	423.74	457,020.52	722,430.14	0.61	-202.39
4,302.00	11.31	114.86	4,254.83	-572.83	-208.12	439.81	457,012.58	722,446.21	1.08	-210.42
4,396.00	11.65	117.89	4,346.95	-664.95	-216.43	456.57	457,004.27	722,462.97	0.74	-218.82
4,491.00	11.62	119.04	4,439.99	-757.99	-225.56	473.41	456,995.14	722,479.81	0.25	-228.04
4,586.00	12.07	112.78	4,532.98	-850.98	-234.06	490.93	456,986.64	722,497.33	1.43	-236.62
4,680.00	12.75	114.78	4,624.78	-942.78	-242.21	509.41	456,978.49	722,515.81	0.86	-244.87
4,775.00	13.53	110.84	4,717.29	-1,035.29	-250.56	529.32	456,970.14	722,535.72	1.25	-253.32
4,870.00	13.26	106.43	4,809.71	-1,127.71	-257.59	550.15	456,963.11	722,556.55	1.11	-260.47
4,965.00	11.89	104.77	4,902.43	-1,220.43	-263.17	570.07	456,957.53	722,576.47	1.49	-266.15
5,060.00	10.74	105.16	4,995.58	-1,313.58	-267.98	588.07	456,952.72	722,594.47	1.21	-271.05
5,154.00	10.40	104.91	5,087.99	-1,405.99	-272.45	604.73	456,948.25	722,611.13	0.36	-275.61
5,249.00	10.80	104.80	5,181.37	-1,499.37	-276.93	621.62	456,943.77	722,628.02	0.42	-280.18



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
5,343.00	11.10	105.36	5,273.65	-1,591.65	-281.58	638.86	456,939.12	722,645.26	0.34	-284.92
5,437.00	11.82	105.91	5,365.78	-1,683.78	-286.61	656.84	456,934.09	722,663.24	0.77	-290.05
5,532.00	11.60	105.91	5,458.80	-1,776.80	-291.90	675.38	456,928.80	722,681.78	0.23	-295.43
5,627.00	11.47	106.66	5,551.88	-1,869.88	-297.23	693.62	456,923.47	722,700.02	0.21	-300.85
5,721.00	11.72	106.48	5,643.97	-1,961.97	-302.61	711.73	456,918.09	722,718.13	0.27	-306.34
5,816.00	12.11	107.96	5,736.92	-2,054.92	-308.42	730.46	456,912.28	722,736.86	0.52	-312.24
5,910.00	11.60	106.97	5,828.91	-2,146.91	-314.22	748.88	456,906.48	722,755.28	0.58	-318.14
6,004.00	11.80	105.81	5,920.96	-2,238.96	-319.60	767.17	456,901.10	722,773.57	0.33	-323.61
6,099.00	11.68	105.24	6,013.97	-2,331.97	-324.77	785.79	456,895.93	722,792.19	0.18	-328.88
6,194.00	11.20	100.29	6,107.09	-2,425.09	-328.95	804.15	456,891.75	722,810.55	1.15	-333.16
6,289.00	9.39	97.79	6,200.55	-2,518.55	-331.65	820.90	456,889.05	722,827.30	1.96	-335.94
6,383.00	8.01	94.04	6,293.47	-2,611.47	-333.15	835.03	456,887.55	722,841.43	1.59	-337.52
6,478.00	6.32	88.22	6,387.73	-2,705.73	-333.45	846.86	456,887.25	722,853.26	1.93	-337.88
6,573.00	5.55	87.53	6,482.22	-2,800.22	-333.09	856.68	456,887.61	722,863.08	0.81	-337.57
6,668.00	4.87	91.32	6,576.82	-2,894.82	-332.99	865.30	456,887.71	722,871.70	0.80	-337.51
6,762.00	4.39	90.46	6,670.52	-2,988.52	-333.11	872.89	456,887.59	722,879.29	0.52	-337.67
6,857.00	3.17	100.33	6,765.31	-3,083.31	-333.61	879.11	456,887.09	722,885.51	1.45	-338.21
6,951.00	1.88	137.11	6,859.22	-3,177.22	-335.20	882.72	456,885.50	722,889.12	2.14	-339.82
7,046.00	1.99	137.89	6,954.17	-3,272.17	-337.57	884.88	456,883.13	722,891.28	0.12	-342.20
7,140.00	1.88	142.00	7,048.12	-3,366.12	-340.00	886.93	456,880.70	722,893.33	0.19	-344.63
7,234.00	2.01	144.58	7,142.06	-3,460.06	-342.55	888.83	456,878.15	722,895.23	0.17	-347.20
7,329.00	2.04	146.36	7,237.00	-3,555.00	-345.32	890.73	456,875.38	722,897.13	0.07	-349.98
7,423.00	2.11	144.50	7,330.94	-3,648.94	-348.12	892.66	456,872.58	722,899.06	0.10	-352.79
7,518.00	2.15	143.70	7,425.87	-3,743.87	-350.98	894.73	456,869.72	722,901.13	0.05	-355.66
7,613.00	2.04	146.70	7,520.81	-3,838.81	-353.83	896.72	456,866.87	722,903.12	0.16	-358.52
7,707.00	1.99	156.25	7,614.75	-3,932.75	-356.72	898.29	456,863.98	722,904.69	0.36	-361.42
7,802.00	0.19	339.75	7,709.74	-4,027.74	-358.08	898.90	456,862.62	722,905.30	2.29	-362.79



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
7,896.00	0.47	4.70	7,803.73	-4,121.73	-357.55	898.88	456,863.15	722,905.28	0.33	-362.26
7,991.00	0.47	46.88	7,898.73	-4,216.73	-356.90	899.20	456,863.80	722,905.60	0.36	-361.60
8,086.00	0.28	83.43	7,993.73	-4,311.73	-356.61	899.71	456,864.09	722,906.11	0.31	-361.31
8,181.00	0.32	122.31	8,088.73	-4,406.73	-356.72	900.17	456,863.98	722,906.57	0.21	-361.43
8,276.00	0.26	160.79	8,183.73	-4,501.73	-357.07	900.46	456,863.63	722,906.86	0.21	-361.78
8,370.00	0.56	172.61	8,277.72	-4,595.72	-357.72	900.59	456,862.98	722,906.99	0.33	-362.43
8,465.00	0.73	160.70	8,372.72	-4,690.72	-358.76	900.85	456,861.94	722,907.25	0.23	-363.47
8,560.00	0.80	161.28	8,467.71	-4,785.71	-359.95	901.26	456,860.75	722,907.66	0.07	-364.67
8,655.00	0.83	179.65	8,562.70	-4,880.70	-361.27	901.48	456,859.43	722,907.88	0.28	-365.99
8,749.00	0.78	179.75	8,656.69	-4,974.69	-362.59	901.49	456,858.11	722,907.89	0.05	-367.31
8,843.00	0.95	203.30	8,750.68	-5,068.68	-363.95	901.18	456,856.75	722,907.58	0.42	-368.66
8,938.00	0.93	213.45	8,845.67	-5,163.67	-365.31	900.45	456,855.39	722,906.85	0.18	-370.02
9,032.00	0.97	199.45	8,939.65	-5,257.65	-366.70	899.76	456,854.00	722,906.16	0.25	-371.41
9,127.00	1.08	207.43	9,034.64	-5,352.64	-368.25	899.08	456,852.45	722,905.48	0.19	-372.96
9,221.00	1.08	357.83	9,128.63	-5,446.63	-368.15	898.64	456,852.55	722,905.04	2.22	-372.85
9,316.00	0.83	266.91	9,223.62	-5,541.62	-367.30	897.92	456,853.40	722,904.32	1.44	-371.99
9,410.00	0.97	277.32	9,317.61	-5,635.61	-367.23	896.45	456,853.47	722,902.85	0.23	-371.92
9,504.00	1.35	255.04	9,411.59	-5,729.59	-367.42	894.59	456,853.28	722,900.99	0.62	-372.10
9,599.00	0.95	236.86	9,506.58	-5,824.58	-368.14	892.85	456,852.56	722,899.25	0.56	-372.81
9,694.00	1.01	249.71	9,601.56	-5,919.56	-368.86	891.40	456,851.84	722,897.80	0.24	-373.52
9,789.00	0.73	236.22	9,696.55	-6,014.55	-369.48	890.12	456,851.22	722,896.52	0.36	-374.14
9,883.00	0.73	214.20	9,790.54	-6,108.54	-370.31	889.28	456,850.39	722,895.68	0.30	-374.96
9,978.00	0.97	226.27	9,885.53	-6,203.53	-371.37	888.36	456,849.33	722,894.76	0.31	-376.01
10,072.00	1.23	239.41	9,979.52	-6,297.52	-372.43	886.92	456,848.27	722,893.32	0.38	-377.07
10,168.00	1.53	249.57	10,075.49	-6,393.49	-373.40	884.83	456,847.30	722,891.23	0.40	-378.03
10,263.00	2.00	251.49	10,170.44	-6,488.44	-374.37	882.07	456,846.33	722,888.47	0.50	-378.99
10,358.00	2.00	244.28	10,265.38	-6,583.38	-375.62	879.00	456,845.08	722,885.40	0.26	-380.22



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
10,452.00	2.58	244.54	10,359.31	-6,677.31	-377.24	875.62	456,843.46	722,882.02	0.62	-381.82
10,547.00	2.21	234.41	10,454.23	-6,772.23	-379.22	872.20	456,841.48	722,878.60	0.59	-383.79
10,641.00	2.00	243.99	10,548.16	-6,866.16	-381.00	869.25	456,839.70	722,875.65	0.44	-385.54
10,736.00	3.08	249.73	10,643.07	-6,961.07	-382.61	865.36	456,838.09	722,871.76	1.17	-387.14
10,831.00	3.59	222.04	10,737.91	-7,055.91	-385.70	860.98	456,835.00	722,867.38	1.76	-390.21
10,925.00	3.98	209.79	10,831.71	-7,149.71	-390.72	857.39	456,829.98	722,863.79	0.95	-395.20
11,020.00	4.01	216.91	10,926.48	-7,244.48	-396.24	853.75	456,824.46	722,860.15	0.52	-400.70
11,114.00	4.18	219.90	11,020.24	-7,338.24	-401.49	849.58	456,819.21	722,855.98	0.29	-405.94
11,208.00	4.04	315.33	11,114.09	-7,432.09	-401.77	845.05	456,818.93	722,851.45	6.47	-406.19
11,303.00	7.07	3.35	11,208.67	-7,526.67	-393.55	843.04	456,827.15	722,849.44	5.58	-397.95
11,398.00	6.98	4.71	11,302.96	-7,620.96	-381.96	843.85	456,838.74	722,850.25	0.20	-386.37
11,492.00	2.93	3.90	11,396.59	-7,714.59	-373.86	844.49	456,846.84	722,850.89	4.31	-378.28
11,587.00	2.59	6.43	11,491.48	-7,809.48	-369.31	844.89	456,851.39	722,851.29	0.38	-373.73
11,682.00	2.44	2.08	11,586.39	-7,904.39	-365.15	845.21	456,855.55	722,851.61	0.26	-369.57
11,775.00	2.11	1.13	11,679.31	-7,997.31	-361.46	845.31	456,859.24	722,851.71	0.36	-365.89
11,898.00	2.16	356.42	11,802.23	-8,120.23	-356.89	845.21	456,863.81	722,851.61	0.15	-361.31
11,993.00	2.80	12.64	11,897.14	-8,215.14	-352.84	845.61	456,867.86	722,852.01	0.99	-357.26
12,087.00	21.00	0.41	11,988.74	-8,306.74	-333.59	846.24	456,887.11	722,852.64	19.44	-338.02
12,182.00	33.87	357.24	12,072.88	-8,390.88	-289.94	845.08	456,930.76	722,851.48	13.63	-294.36
12,277.00	38.80	353.01	12,149.40	-8,467.40	-233.91	840.18	456,986.79	722,846.58	5.82	-238.31
12,371.00	40.90	351.74	12,221.56	-8,539.56	-174.22	832.17	457,046.48	722,838.57	2.40	-178.57
12,466.00	45.40	351.28	12,290.86	-8,608.86	-109.98	822.57	457,110.72	722,828.97	4.75	-114.28
12,560.00	50.49	355.21	12,353.81	-8,671.81	-40.70	814.46	457,180.00	722,820.86	6.24	-44.97
12,655.00	58.08	358.15	12,409.24	-8,727.24	36.23	810.09	457,256.93	722,816.49	8.37	31.99
12,749.00	64.44	359.98	12,454.42	-8,772.42	118.60	808.79	457,339.30	722,815.19	6.98	114.36
12,843.00	67.54	0.30	12,492.66	-8,810.66	204.45	809.00	457,425.15	722,815.40	3.31	200.21
12,938.00	80.62	1.68	12,518.66	-8,836.66	295.59	810.61	457,516.29	722,817.01	13.84	291.35



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
13,033.00	91.44	1.45	12,525.23	-8,843.23	390.19	813.20	457,610.89	722,819.60	11.39	385.93
13,127.00	92.03	2.36	12,522.38	-8,840.38	484.09	816.32	457,704.79	722,822.72	1.15	479.81
13,221.00	87.69	0.11	12,522.61	-8,840.61	578.04	818.35	457,798.74	722,824.75	5.20	573.75
13,316.00	89.79	2.68	12,524.70	-8,842.70	672.98	820.66	457,893.68	722,827.06	3.49	668.67
13,410.00	90.35	5.67	12,524.59	-8,842.59	766.72	827.50	457,987.42	722,833.90	3.24	762.37
13,504.00	89.45	0.76	12,524.75	-8,842.75	860.54	832.77	458,081.24	722,839.17	5.31	856.17
13,599.00	91.25	0.86	12,524.17	-8,842.17	955.52	834.11	458,176.22	722,840.51	1.90	951.14
13,693.00	92.28	0.79	12,521.28	-8,839.28	1,049.47	835.47	458,270.17	722,841.87	1.10	1,045.08
13,787.00	88.03	359.30	12,521.02	-8,839.02	1,143.44	835.54	458,364.14	722,841.94	4.79	1,139.05
13,881.00	89.85	359.84	12,522.76	-8,840.76	1,237.42	834.84	458,458.12	722,841.24	2.02	1,233.03
13,976.00	92.34	359.16	12,520.95	-8,838.95	1,332.39	834.01	458,553.09	722,840.41	2.72	1,328.01
14,071.00	93.74	359.14	12,515.91	-8,833.91	1,427.25	832.60	458,647.95	722,839.00	1.47	1,422.87
14,165.00	91.58	356.99	12,511.55	-8,829.55	1,521.08	829.43	458,741.78	722,835.83	3.24	1,516.72
14,260.00	91.19	357.67	12,509.25	-8,827.25	1,615.95	825.00	458,836.65	722,831.40	0.82	1,611.61
14,354.00	88.81	355.57	12,509.25	-8,827.25	1,709.77	819.46	458,930.47	722,825.86	3.38	1,705.46
14,449.00	90.63	358.15	12,509.71	-8,827.71	1,804.62	814.26	459,025.32	722,820.66	3.32	1,800.33
14,544.00	89.40	357.34	12,509.69	-8,827.69	1,899.54	810.52	459,120.24	722,816.92	1.55	1,895.27
14,638.00	90.38	357.96	12,509.87	-8,827.87	1,993.46	806.67	459,214.16	722,813.07	1.23	1,989.21
14,733.00	90.18	0.44	12,509.40	-8,827.40	2,088.44	805.34	459,309.14	722,811.74	2.62	2,084.20
14,827.00	91.97	0.09	12,507.64	-8,825.64	2,182.42	805.78	459,403.12	722,812.18	1.94	2,178.17
14,921.00	89.79	1.27	12,506.20	-8,824.20	2,276.40	806.89	459,497.10	722,813.29	2.64	2,272.14
15,014.00	91.55	1.16	12,505.11	-8,823.11	2,369.36	808.86	459,590.06	722,815.26	1.90	2,365.10
15,108.00	92.70	0.17	12,501.62	-8,819.62	2,463.29	809.95	459,683.99	722,816.35	1.61	2,459.02
15,203.00	90.88	1.14	12,498.66	-8,816.66	2,558.23	811.04	459,778.93	722,817.44	2.17	2,553.95
15,298.00	92.09	0.17	12,496.20	-8,814.20	2,653.19	812.13	459,873.89	722,818.53	1.63	2,648.90
15,392.00	89.06	0.34	12,495.25	-8,813.25	2,747.18	812.54	459,967.88	722,818.94	3.23	2,742.88
15,487.00	90.15	0.52	12,495.91	-8,813.91	2,842.17	813.26	460,062.87	722,819.66	1.16	2,837.87



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	DLeg (°/100usft)	V. Sec (usft)
15,581.00	90.49	0.59	12,495.38	-8,813.38	2,936.16	814.17	460,156.86	722,820.57	0.37	2,931.86
15,676.00	90.69	0.98	12,494.40	-8,812.40	3,031.15	815.47	460,251.85	722,821.87	0.46	3,026.84
15,771.00	88.61	0.01	12,494.98	-8,812.98	3,126.14	816.29	460,346.84	722,822.69	2.42	3,121.82
15,866.00	87.18	358.99	12,498.47	-8,816.47	3,221.07	815.46	460,441.77	722,821.86	1.85	3,216.75
15,960.00	87.88	358.62	12,502.52	-8,820.52	3,314.96	813.50	460,535.66	722,819.90	0.84	3,310.65
16,055.00	88.81	358.28	12,505.27	-8,823.27	3,409.88	810.93	460,630.58	722,817.33	1.04	3,405.59
16,149.00	90.71	359.49	12,505.66	-8,823.66	3,503.86	809.11	460,724.56	722,815.51	2.40	3,499.57
16,244.00	89.57	358.87	12,505.43	-8,823.43	3,598.85	807.75	460,819.55	722,814.15	1.37	3,594.57
16,339.00	89.68	358.67	12,506.05	-8,824.05	3,693.82	805.71	460,914.52	722,812.11	0.24	3,689.55
16,433.00	89.65	358.26	12,506.60	-8,824.60	3,787.79	803.19	461,008.49	722,809.59	0.44	3,783.53
16,528.00	90.29	358.77	12,506.65	-8,824.65	3,882.75	800.73	461,103.45	722,807.13	0.86	3,878.51
16,623.00	88.73	357.91	12,507.46	-8,825.46	3,977.71	797.98	461,198.41	722,804.38	1.88	3,973.47
16,718.00	93.55	359.16	12,505.57	-8,823.57	4,072.63	795.55	461,293.33	722,801.95	5.24	4,068.40
16,812.00	93.26	359.19	12,499.99	-8,817.99	4,166.45	794.20	461,387.15	722,800.60	0.31	4,162.23
16,907.00	89.76	359.07	12,497.49	-8,815.49	4,261.39	792.75	461,482.09	722,799.15	3.69	4,257.18
17,002.00	90.35	357.97	12,497.40	-8,815.40	4,356.36	790.30	461,577.06	722,796.70	1.31	4,352.16
17,096.00	89.23	357.64	12,497.74	-8,815.74	4,450.29	786.70	461,670.99	722,793.10	1.24	4,446.11
17,191.00	89.57	356.96	12,498.74	-8,816.74	4,545.18	782.23	461,765.88	722,788.63	0.80	4,541.02
17,285.00	88.75	355.74	12,500.11	-8,818.11	4,638.97	776.24	461,859.67	722,782.64	1.56	4,634.84
17,380.00	90.01	355.92	12,501.14	-8,819.14	4,733.71	769.33	461,954.41	722,775.73	1.34	4,729.62
17,459.00	89.73	354.92	12,501.32	-8,819.32	4,812.46	763.03	462,033.16	722,769.43	1.31	4,808.40
17,510.00	89.73	354.92	12,501.56	-8,819.56	4,863.26	758.51	462,083.96	722,764.91	0.00	4,859.22



GeoGuidance FINAL SURVEY REPORT



Company:	XTO ENERGY INC.	Local Co-ordinate Reference:	Well ES 103H
Project:	LEA COUNTY, NM	TVD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Site:	ESTANCIA SED	MD Reference:	ES 103H @ 3682.00usft (N X32 - 33' KB)
Well:	ES 103H	North Reference:	Grid
Wellbore:	ES 103H	Survey Calculation Method:	Minimum Curvature
Design:	ES 103H	Database:	XTO ENERGY

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
17,510.00	12,501.56	4,863.26	758.51	Projection to TD	

Checked By: _____ Approved By: _____ Date: _____



Measurement While Drilling (MWD) Survey Certification

State of: NM

County of: Lea

I, Jack Simmons, certify that; I am employed by GeoGuidance Drilling Services, Inc.; that I did on the day(s) of 08/16/2021 through 09/25/2021 conduct or supervise the taking of a directional MWD survey from a depth of 141 feet to a depth of 17459 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by GeoGuidance Drilling Services, Inc.; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO ENERGY INC. for the Estancia SED 103H well, A.P.I. No. 30-025-49032 in Lea, NM; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by GeoGuidance Drilling Services, Inc.

Survey Instrument Type

MWD

A handwritten signature in black ink that reads "Jack Simmons".

Jack Simmons MWD
Coordinator
GeoGuidance Drilling
Services, Inc.



"Professionals in Wellbore Navigation"

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-25-49032
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator XTO Energy, Inc		6. State Oil & Gas Lease No.
3. Address of Operator 6401 Holiday Hill Rd bldg 5 Midland, TX 79707		7. Lease Name or Unit Agreement Name Estancia Sed State
4. Well Location Unit Letter N : 409 feet from the South line and 1269 feet from the West line Section 31 Township 23S Range 33E NMPM County Lea		8. Well Number 103H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3649'		9. OGRID Number 5380
		10. Pool name or Wildcat WC-025 G-09 S243310P; Upper Wolfcamp (oil)

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Completions Sundry ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy Inc, Respectfully Submits the Completions sundry for the well above.

KOP @ depth 11,981 ft.

PBTD = 17,499 ft. 11/10/21 Run RCB/GR/CCL

1/6/22 Pressure test 5 in csg to 7,955 psi for 30min test good, open sleeve.

1/28/22 Perf and frac 24 stages, 1,152 total shots, from 12,592 to 17,412 using 245,429 bbls of fluid and 12,095,500 lbs Proppant. Tag and drill out plugs.

2/23/22 Run 2-7/8 L80 6.5# tubing set at 12,026 ft.

2/23/22 Packer setting depth 12,011 ft.

Ready Date: 3/14/22

First Production: 3/15/22

Spud Date:

08/16/2021

Rig Release Date:

09/26/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cassie Evans TITLE Regulatory Analyst DATE 04/20/22

Type or print name Cassie Evans E-mail address: cassie.evans@exxonmobil.com PHONE: 432.218.3671

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name ESTANCIA SED STATE		
								6. Well Number: 103H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 5380				
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat WC-025 G-09 S243310P;UPPER WOLFCAMP (OIL)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	31	23S	33E		409	South	1269	West	Lea
BH:	C	31	23S	33E		13	North	2053	West	Lea
13. Date Spudded 8/16/2021	14. Date T.D. Reached 9/25/2021		15. Date Rig Released 9/26/2021			16. Date Completed (Ready to Produce) 3/14/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3549' GL		
18. Total Measured Depth of Well 17,510			19. Plug Back Measured Depth 17,499			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,592 TO 17,412 WC-025 G-09 S243310P;UPPER WOLFCAMP (OIL)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
9 5/8"		47.0		1,563'		12 1/4"		835		
7 5/8"		29.7		11,819'		8 3/4"		1,790		
5"		18.0		17,501'		6 3/4"		1330		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	12,026	12,011		
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
12,592 TO 17,412, 4spf, 1,104 Total Shots 24 stages						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,592 TO 17,412		245,429 bbl fluid + 12,095,500 lbs proppant		
28. PRODUCTION										
Date First Production 3/15/22		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 3/22/22	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2276	Gas - MCF 4953	Water - Bbl. 2820	Gas - Oil Ratio 2176			
Flow Tubing Press. 1419	Casing Pressure 359	Calculated 24-Hour Rate	Oil - Bbl. 2276	Gas - MCF 4953	Water - Bbl. 2820	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 04/20/22	
E-mail Address cassie.evans@xtoenergy.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 1678	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4578	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 5028	T. Morrison	
T. Drinkard	T. Bone Springs 8928	T. Todilto	
T. Abo	T. Rustler 1228	T. Entrada	
T. Wolfcamp 12314	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

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

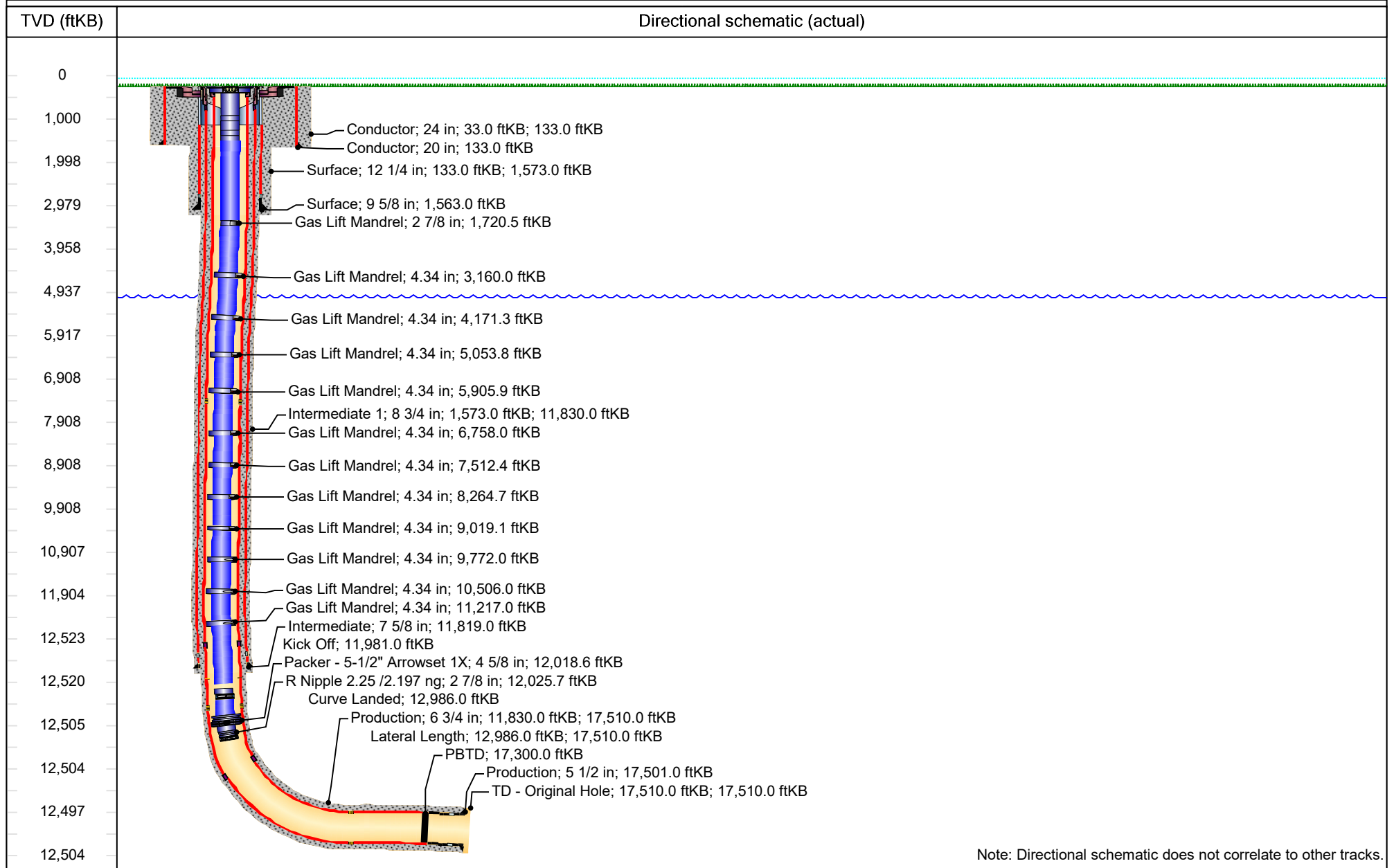
From	To	Thickness In Feet	Lithology



Schematic - Current Directional

Well Name: ESTANCIA SED STATE 103H

API/UWI 3002549032	SAP Cost Center ID 2205691001	Permit Number 296934	State/Province New Mexico	County Lea	Ground Elevation (ft) 3,649.00	KB-Ground Distance (ft) 33.00	Surface Casing Flange Elevatio...
Surface Location T23S-R33E-S31	Spud Date 8/16/2021 12:15	Original KB Elevation (ft) 3,682.00					



District I
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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 202971

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 202971
	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
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 202971

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 202971
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/5/2023