

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 - 015-46623	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 326508	⁸ Property Name CORRAL CANYON 8 32 FEDERAL	⁹ Well Number 104H

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
K	08	25S	29E		2437	South	1906	West	EDDY

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
K	32	24S	29E		2441	South	2435	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining	O
329302	Enlink	G
373073	XTO Permian Midstream	W

IV. Well Completion Data

²¹ Spud Date 3/2/2020	²² Ready Date 4/10/2022	20296 M ²³ TD 9912 TVD	20284 M ²⁴ BBTD 9912 TVD	²⁵ Perforations 10,368 TO 20,192	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14.75	11.75 J55 54#	629	810		
10.625	8.625 HCL80 32#	9,129	1,730		
7.875	5.5 P110 23#	20,286	2,205		
	2 7/8 L80 6.5#	9353			

V. Well Test Data

³¹ Date New Oil 4/11/22	³² Gas Delivery Date 5/27/22	³³ Test Date 5/27/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 524	³⁶ Csg. Pressure 0
³⁷ Choke Size	³⁸ Oil 2039	³⁹ Water 4276	⁴⁰ Gas 5205		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:

Amanda Thames

Printed name:

Amanda Thames

Title:

Regulatory Analyst

E-mail Address:

amanda.thames@exxonmobil.com

Date:

7/5/2022

Phone:

432.221.7340

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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 30-015-46623	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 326508	⁵ Property Name CORRAL CANYON 8-32 FED	⁶ Well Number 104H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 2,962'

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
K	8	25 S	29 E		2,437	SOUTH	1,906	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
K	32	24 S	29 E		2,441	SOUTH	2,435	WEST	EDDY

¹² Dedicated Acres 639.18	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) LTP (NAD83 NME) Y = 416,326.1 X = 426,794.4 X = 641,695.6 X = 642,231.0 LAT. = 32.144144 "N LAT. = 32.172916 "N LONG. = 104.009077 "W LONG. = 104.007245 "W KOP (NAD83 NME) BHL (NAD83 NME) Y = 416,292.4 X = 426,898.3 X = 642,209.7 X = 642,232.2 LAT. = 32.144047 "N LAT. = 32.173201 "N LONG. = 104.007417 "W LONG. = 104.007240 "W FTP (NAD83 NME) Y = 416,976.6 X = 642,212.4 LAT. = 32.145927 "N LONG. = 104.007401 "W CORNER COORDINATES (NAD83 NME) A - Y = 416,530.4 N X = 642,450.5 E B - Y = 416,542.3 N X = 641,119.7 E C - Y = 419,177.2 N X = 642,447.0 E D - Y = 419,187.0 N X = 641,118.1 E E - Y = 421,823.8 N X = 642,448.1 E F - Y = 421,830.0 N X = 641,126.7 E G - Y = 424,457.9 N X = 642,449.2 E H - Y = 424,457.0 N X = 641,135.2 E I - Y = 427,117.7 N X = 642,433.5 E J - Y = 427,119.8 N X = 641,114.0 E SHL (NAD27 NME) LTP (NAD27 NME) Y = 416,267.5 X = 426,735.5 X = 600,511.7 X = 601,047.3 LAT. = 32.144019 "N LAT. = 32.172791 "N LONG. = 104.008589 "W LONG. = 104.006756 "W KOP (NAD27 NME) BHL (NAD27 NME) Y = 416,233.8 X = 426,839.5 X = 601,025.7 X = 601,048.5 LAT. = 32.143922 "N LAT. = 32.173077 "N LONG. = 104.006928 "W LONG. = 104.006751 "W FTP (NAD27 NME) Y = 416,917.9 X = 601,028.5 LAT. = 32.145803 "N LONG. = 104.006913 "W CORNER COORDINATES (NAD27 NME) A - Y = 416,471.8 N X = 601,266.6 E B - Y = 416,483.7 N X = 599,935.8 E C - Y = 419,118.5 N X = 601,263.1 E D - Y = 419,128.3 N X = 599,934.3 E E - Y = 421,765.0 N X = 601,264.3 E F - Y = 421,771.2 N X = 599,942.9 E G - Y = 424,399.1 N X = 601,265.5 E H - Y = 424,398.2 N X = 599,951.5 E I - Y = 427,058.8 N X = 601,249.8 E J - Y = 427,060.9 N X = 599,930.4 E	T24S R29E SEC. 32 SEC. 33 SEC. 5 SEC. 8 SEC. 4 SEC. 9	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. Amanda Thames 7/5/2022 Signature Date Amanda Thames Printed Name amanda.thames@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. 7-5-2022 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2017091561

Intent ☐ As Drilled ☒

API # 30-015-46623		
Operator Name: XTO ENERGY, INC.	Property Name: CORRAL CANYON 8-32 FED	Well Number 104H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	8	25S	29E		2,408	FSL	2,420	FWL	EDDY
Latitude 32.144047					Longitude 104.007417				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	8	25S	29E		2,202	FNL	2,423	FWL	EDDY
Latitude 32.145927					Longitude 104.007401				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	32	24S	29E		2,337	FSL	2,433	FWL	EDDY
Latitude 32.172916					Longitude 104.007245				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ N

Is 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 # 3001546466		
Operator Name: XTO Energy Inc.	Property Name: Corral Canyon 8-32 Federal	Well Number 161H

KZ 06/29/2018

XTO Energy Inc.

Eddy County, NM
Corral Canyon 8-32 Fed
104H - Slot 104H

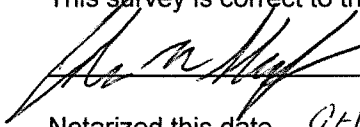
OH

Design: OH

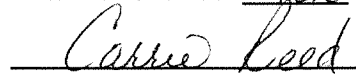
Standard Survey Report

08 May, 2020

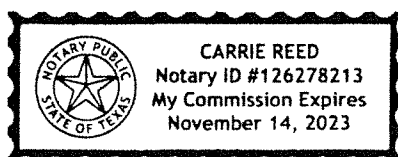
This survey is correct to the best of my knowledge and is supported by actual field data.



Notarized this date 9th of June, 2020.



Notary Signature
County of Midland
State of Texas



Legacy Directional Survey Report

Company: XTO Energy Inc.	Local Co-ordinate Reference: Well 104H - Slot 104H	
Project: Eddy County, NM	TVD Reference: GL 2962 + 31' KB @ 2993.00usft (Akita 803)	
Site: Corral Canyon 8-32 Fed	MD Reference: GL 2962 + 31' KB @ 2993.00usft (Akita 803)	
Well: 104H	North Reference: Grid	
Wellbore: OH	Survey Calculation Method: Minimum Curvature	
Design: OH	Database: EDM 5000.14 Single User Db	

Project Eddy 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 Corral Canyon 8-32 Fed			
Site Position:	Northing: 416,267.70 usft	Latitude: 32.144020	
From: Map	Easting: 600,481.70 usft	Longitude: -104.008686	
Position Uncertainty: 0.00 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.17 °	

Well 104H - Slot 104H			
Well Position	Northing: 416,267.50 usft	Latitude: 32.144020	
+N/-S 0.00 usft	Easting: 600,511.70 usft	Longitude: -104.008589	
+E/-W 0.00 usft			
Position Uncertainty 0.00 usft	Wellhead Elevation: usft	Ground Level: 2,962.00 usft	

Wellbore OH					
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	WMM2020	2/19/2020	6.90	59.80	47,544.49840101

Design OH					
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	0.05	

Survey Program		Date 5/8/2020
From (usft)	To (usft)	Survey (Wellbore)
233.00	20,296.00	Legacy MWD (OH)
		Tool Name MWD+IFR1+FDIR
		Description OWSG MWD + IFR1 + FDIR Correction

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
233.00	0.17	187.49	233.00	-0.34	-0.05	-0.34	0.07	0.07	0.00	
323.00	0.17	236.65	323.00	-0.55	-0.17	-0.55	0.16	0.00	54.62	
411.00	0.46	235.54	411.00	-0.82	-0.57	-0.82	0.33	0.33	-1.26	
502.00	0.44	238.95	502.00	-1.21	-1.17	-1.21	0.04	-0.02	3.75	
552.00	0.31	225.65	551.99	-1.40	-1.44	-1.40	0.31	-0.26	-26.60	
681.00	0.61	199.54	680.99	-2.29	-1.92	-2.29	0.28	0.23	-20.24	
769.00	0.27	230.44	768.99	-2.87	-2.23	-2.87	0.46	-0.39	35.11	
859.00	0.14	292.18	858.99	-2.96	-2.50	-2.96	0.26	-0.14	68.60	
949.00	0.20	103.22	948.99	-2.95	-2.45	-2.96	0.38	0.07	190.04	

Legacy Directional Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,042.00	0.40	36.98	1,041.99	-2.73	-2.09	-2.73	0.40	0.22	-71.23
1,132.00	0.65	355.15	1,131.98	-1.97	-1.95	-1.97	0.49	0.28	-46.48
1,223.00	0.77	339.27	1,222.98	-0.89	-2.21	-0.89	0.25	0.13	-17.45
1,313.00	0.90	325.67	1,312.97	0.26	-2.82	0.26	0.26	0.14	-15.11
1,403.00	0.92	336.75	1,402.95	1.51	-3.50	1.51	0.20	0.02	12.31
1,494.00	1.09	315.81	1,493.94	2.80	-4.40	2.80	0.44	0.19	-23.01
1,584.00	1.08	313.55	1,583.92	4.00	-5.61	4.00	0.05	-0.01	-2.51
1,674.00	1.27	309.44	1,673.91	5.22	-6.99	5.21	0.23	0.21	-4.57
1,765.00	1.11	310.52	1,764.89	6.43	-8.44	6.43	0.18	-0.18	1.19
1,855.00	0.99	300.90	1,854.87	7.40	-9.77	7.39	0.24	-0.13	-10.69
1,945.00	1.20	289.00	1,944.85	8.10	-11.33	8.09	0.34	0.23	-13.22
2,036.00	1.51	294.81	2,035.83	8.92	-13.32	8.91	0.37	0.34	6.38
2,126.00	0.45	129.20	2,125.82	9.19	-14.12	9.18	2.17	-1.18	-184.01
2,216.00	2.43	127.06	2,215.79	7.82	-12.32	7.81	2.20	2.20	-2.38
2,307.00	3.36	127.31	2,306.67	5.04	-8.66	5.03	1.02	1.02	0.27
2,397.00	3.33	136.51	2,396.52	1.54	-4.77	1.54	0.60	-0.03	10.22
2,487.00	4.45	138.96	2,486.31	-2.99	-0.67	-2.99	1.26	1.24	2.72
2,578.00	6.03	133.19	2,576.93	-8.92	5.13	-8.92	1.83	1.74	-6.34
2,668.00	5.72	116.23	2,666.46	-14.14	12.60	-14.13	1.95	-0.34	-18.84
2,757.00	5.22	94.79	2,755.06	-16.44	20.61	-16.42	2.35	-0.56	-24.09
2,848.00	3.72	89.16	2,845.79	-16.74	27.69	-16.71	1.72	-1.65	-6.19
2,938.00	0.85	3.90	2,935.72	-16.03	30.66	-16.00	4.16	-3.19	-94.73
3,028.00	1.53	304.27	3,025.70	-14.69	29.71	-14.66	1.47	0.76	-66.26
3,119.00	1.51	295.00	3,116.67	-13.50	27.62	-13.47	0.27	-0.02	-10.19
3,209.00	0.80	335.02	3,206.65	-12.43	26.28	-12.40	1.15	-0.79	44.47
3,299.00	2.19	88.69	3,296.63	-11.82	27.73	-11.79	2.91	1.54	126.30
3,390.00	3.90	96.74	3,387.50	-12.14	32.54	-12.11	1.93	1.88	8.85
3,480.00	4.13	92.12	3,477.28	-12.62	38.82	-12.59	0.44	0.26	-5.13
3,570.00	5.07	89.13	3,566.99	-12.68	46.04	-12.64	1.08	1.04	-3.32
3,660.00	5.18	88.60	3,656.63	-12.52	54.07	-12.47	0.13	0.12	-0.59
3,751.00	4.74	85.62	3,747.29	-12.13	61.93	-12.08	0.56	-0.48	-3.27
3,841.00	5.45	87.08	3,836.93	-11.63	69.91	-11.57	0.80	0.79	1.62
3,931.00	6.56	91.38	3,926.43	-11.54	79.31	-11.47	1.33	1.23	4.78
4,022.00	6.79	89.59	4,016.82	-11.62	89.89	-11.54	0.34	0.25	-1.97
4,112.00	7.01	87.15	4,106.17	-11.31	100.70	-11.22	0.41	0.24	-2.71
4,202.00	6.98	85.72	4,195.50	-10.63	111.63	-10.53	0.20	-0.03	-1.59
4,293.00	6.17	85.44	4,285.90	-9.83	122.02	-9.72	0.89	-0.89	-0.31
4,383.00	5.51	89.43	4,375.43	-9.40	131.17	-9.29	0.86	-0.73	4.43
4,473.00	4.65	104.59	4,465.08	-10.28	139.02	-10.16	1.76	-0.96	16.84
4,563.00	4.37	102.35	4,554.80	-11.93	145.90	-11.80	0.37	-0.31	-2.49
4,654.00	4.55	100.19	4,645.53	-13.31	152.84	-13.18	0.27	0.20	-2.37
4,744.00	4.70	101.29	4,735.23	-14.66	159.97	-14.52	0.19	0.17	1.22
4,835.00	4.65	102.10	4,825.93	-16.17	167.23	-16.02	0.09	-0.05	0.89
4,924.00	4.99	96.23	4,914.62	-17.34	174.60	-17.19	0.67	0.38	-6.60

Legacy Directional
Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,015.00	5.99	83.12	5,005.20	-17.20	183.25	-17.04	1.76	1.10	-14.41
5,105.00	5.71	79.49	5,094.73	-15.82	192.32	-15.66	0.52	-0.31	-4.03
5,195.00	5.54	87.94	5,184.30	-14.85	201.06	-14.68	0.94	-0.19	9.39
5,285.00	6.09	103.07	5,273.84	-15.77	210.05	-15.59	1.80	0.61	16.81
5,375.00	5.42	104.64	5,363.39	-17.93	218.82	-17.74	0.76	-0.74	1.74
5,466.00	4.57	103.01	5,454.04	-19.83	226.51	-19.63	0.95	-0.93	-1.79
5,556.00	4.22	101.78	5,543.78	-21.31	233.24	-21.11	0.40	-0.39	-1.37
5,647.00	4.49	98.05	5,634.51	-22.50	240.05	-22.29	0.43	0.30	-4.10
5,737.00	5.13	91.32	5,724.20	-23.08	247.56	-22.87	0.95	0.71	-7.48
5,828.00	4.85	93.84	5,814.85	-23.43	255.46	-23.21	0.39	-0.31	2.77
5,918.00	4.83	91.42	5,904.53	-23.78	263.05	-23.55	0.23	-0.02	-2.69
6,008.00	5.64	91.28	5,994.16	-23.98	271.26	-23.74	0.90	0.90	-0.16
6,099.00	7.11	92.77	6,084.59	-24.35	281.35	-24.10	1.63	1.62	1.64
6,189.00	6.81	94.48	6,173.93	-25.03	292.24	-24.78	0.41	-0.33	1.90
6,279.00	6.63	94.81	6,263.31	-25.89	302.73	-25.62	0.20	-0.20	0.37
6,370.00	6.17	93.12	6,353.74	-26.59	312.85	-26.32	0.55	-0.51	-1.86
6,460.00	5.69	94.43	6,443.26	-27.20	322.13	-26.92	0.55	-0.53	1.46
6,550.00	5.35	93.39	6,532.84	-27.79	330.76	-27.50	0.39	-0.38	-1.16
6,641.00	5.06	92.66	6,623.47	-28.23	339.01	-27.93	0.33	-0.32	-0.80
6,731.00	4.32	91.23	6,713.17	-28.49	346.36	-28.18	0.83	-0.82	-1.59
6,821.00	4.26	82.59	6,802.91	-28.13	353.07	-27.82	0.72	-0.07	-9.60
6,911.00	4.17	70.23	6,892.67	-26.59	359.46	-26.28	1.01	-0.10	-13.73
7,002.00	4.06	56.82	6,983.44	-23.71	365.27	-23.39	1.06	-0.12	-14.74
7,092.00	4.34	59.04	7,073.20	-20.21	370.86	-19.89	0.36	0.31	2.47
7,182.00	6.42	81.04	7,162.81	-17.68	378.75	-17.35	3.22	2.31	24.44
7,272.00	6.53	93.51	7,252.24	-17.21	388.83	-16.87	1.56	0.12	13.86
7,363.00	5.26	87.38	7,342.75	-17.33	398.16	-16.99	1.56	-1.40	-6.74
7,453.00	5.43	93.92	7,432.36	-17.44	406.53	-17.08	0.70	0.19	7.27
7,543.00	6.46	107.71	7,521.88	-19.27	415.60	-18.90	1.95	1.14	15.32
7,634.00	5.78	107.49	7,612.36	-22.20	424.85	-21.83	0.75	-0.75	-0.24
7,724.00	4.95	103.06	7,701.97	-24.44	432.95	-24.06	1.03	-0.92	-4.92
7,814.00	4.21	90.52	7,791.68	-25.35	440.04	-24.96	1.38	-0.82	-13.93
7,904.00	3.89	78.05	7,881.46	-24.75	446.33	-24.36	1.04	-0.36	-13.86
7,995.00	5.08	87.11	7,972.18	-23.90	453.37	-23.51	1.52	1.31	9.96
8,085.00	6.04	92.75	8,061.76	-23.93	462.08	-23.53	1.23	1.07	6.27
8,175.00	5.01	95.06	8,151.34	-24.50	470.73	-24.09	1.17	-1.14	2.57
8,265.00	4.46	99.05	8,241.03	-25.40	478.10	-24.98	0.71	-0.61	4.43
8,355.00	3.42	100.99	8,330.82	-26.46	484.19	-26.04	1.16	-1.16	2.16
8,446.00	3.19	104.66	8,421.67	-27.62	489.30	-27.19	0.34	-0.25	4.03
8,536.00	2.74	110.29	8,511.55	-29.00	493.74	-28.57	0.59	-0.50	6.26
8,627.00	2.70	107.23	8,602.44	-30.39	497.83	-29.96	0.17	-0.04	-3.36
8,717.00	2.66	108.70	8,692.34	-31.69	501.83	-31.25	0.09	-0.04	1.63
8,807.00	2.12	114.68	8,782.27	-33.05	505.32	-32.61	0.66	-0.60	6.64

Legacy Directional Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,898.00	1.78	108.23	8,873.21	-34.20	508.20	-33.75	0.44	-0.37	-7.09
8,988.00	1.06	111.10	8,963.18	-34.93	510.30	-34.49	0.80	-0.80	3.19
9,058.00	0.76	119.69	9,033.18	-35.40	511.31	-34.95	0.47	-0.43	12.27
9,164.00	0.63	88.83	9,139.17	-35.73	512.50	-35.29	0.37	-0.12	-29.11
9,254.00	0.67	83.89	9,229.16	-35.67	513.52	-35.22	0.08	0.04	-5.49
9,344.00	2.62	1.25	9,319.13	-33.55	514.09	-33.11	2.91	2.17	-91.82
9,389.00	9.74	1.63	9,363.84	-28.71	514.22	-28.27	15.82	15.82	0.84
9,435.00	12.85	3.11	9,408.94	-19.72	514.61	-19.27	6.79	6.76	3.22
9,480.00	16.17	1.86	9,452.50	-8.45	515.08	-8.00	7.41	7.38	-2.78
9,525.00	21.37	358.84	9,495.09	6.02	515.12	6.47	11.75	11.56	-6.71
9,570.00	23.76	359.37	9,536.65	23.28	514.85	23.73	5.33	5.31	1.18
9,615.00	27.26	1.42	9,577.25	42.66	515.01	43.10	8.02	7.78	4.56
9,660.00	32.87	2.23	9,616.18	65.18	515.74	65.63	12.50	12.47	1.80
9,706.00	37.87	0.49	9,653.68	91.79	516.35	92.24	11.09	10.87	-3.78
9,751.00	38.31	0.04	9,689.10	119.55	516.48	120.00	1.16	0.98	-1.00
9,796.00	42.17	359.14	9,723.44	148.61	516.26	149.06	8.67	8.58	-2.00
9,886.00	49.02	1.08	9,786.38	212.86	516.45	213.31	7.76	7.61	2.16
9,976.00	54.32	0.25	9,842.18	283.43	517.25	283.88	5.93	5.89	-0.92
10,067.00	59.63	0.87	9,891.76	359.70	518.00	360.15	5.86	5.84	0.68
10,157.00	73.55	359.36	9,927.43	442.08	518.11	442.54	15.54	15.47	-1.68
10,248.00	81.19	359.53	9,947.31	530.81	517.25	531.26	8.40	8.40	0.19
10,260.00	82.45	359.63	9,949.02	542.69	517.17	543.14	10.55	10.52	0.85
FTP 10260'MD / 9949.02'TVD									
10,261.52	82.61	359.65	9,949.22	544.19	517.16	544.64	10.55	10.52	0.85
FTP - 104H									
10,300.00	86.66	359.97	9,952.82	582.50	517.03	582.95	10.55	10.52	0.84
10,338.00	87.05	0.07	9,954.90	620.44	517.04	620.89	1.06	1.03	0.26
10,428.00	88.99	359.21	9,958.01	710.38	516.48	710.83	2.36	2.16	-0.96
10,519.00	89.78	359.25	9,958.99	801.37	515.25	801.82	0.87	0.87	0.04
10,609.00	89.69	359.32	9,959.40	891.36	514.13	891.81	0.13	-0.10	0.08
10,700.00	89.92	0.20	9,959.71	982.36	513.75	982.81	1.00	0.25	0.97
10,790.00	89.36	0.16	9,960.28	1,072.35	514.03	1,072.80	0.62	-0.62	-0.04
10,880.00	88.54	359.89	9,961.93	1,162.34	514.07	1,162.79	0.96	-0.91	-0.30
10,971.00	88.23	0.47	9,964.49	1,253.30	514.36	1,253.75	0.72	-0.34	0.64
11,061.00	91.18	2.52	9,964.96	1,343.25	516.71	1,343.71	3.99	3.28	2.28
11,152.00	91.07	2.45	9,963.17	1,434.15	520.65	1,434.61	0.14	-0.12	-0.08
11,242.00	90.45	2.82	9,961.97	1,524.05	524.79	1,524.51	0.80	-0.69	0.41
11,333.00	90.95	2.72	9,960.86	1,614.93	529.19	1,615.40	0.56	0.55	-0.11
11,423.00	90.00	2.17	9,960.12	1,704.85	533.02	1,705.31	1.22	-1.06	-0.61
11,513.00	90.17	1.52	9,959.98	1,794.80	535.92	1,795.27	0.75	0.19	-0.72
11,604.00	89.02	0.07	9,960.63	1,885.79	537.18	1,886.25	2.03	-1.26	-1.59
11,694.00	89.58	359.21	9,961.73	1,975.78	536.62	1,976.24	1.14	0.62	-0.96
11,784.00	90.42	0.10	9,961.73	2,065.77	536.08	2,066.24	1.36	0.93	0.99
11,875.00	90.25	358.49	9,961.19	2,156.76	534.96	2,157.23	1.78	-0.19	-1.77

Legacy Directional Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,965.00	91.04	359.48	9,960.18	2,246.74	533.36	2,247.20	1.41	0.88	1.10
12,055.00	90.17	359.27	9,959.23	2,336.73	532.38	2,337.19	0.99	-0.97	-0.23
12,146.00	89.78	359.93	9,959.27	2,427.73	531.75	2,428.19	0.84	-0.43	0.73
12,236.00	91.77	1.84	9,958.05	2,517.70	533.14	2,518.16	3.06	2.21	2.12
12,326.00	90.53	1.76	9,956.25	2,607.63	535.96	2,608.10	1.38	-1.38	-0.09
12,416.00	88.74	359.79	9,956.82	2,697.62	537.18	2,698.08	2.96	-1.99	-2.19
12,507.00	88.68	0.03	9,958.87	2,788.59	537.04	2,789.06	0.27	-0.07	0.26
12,597.00	89.44	358.88	9,960.35	2,878.57	536.18	2,879.04	1.53	0.84	-1.28
12,688.00	90.87	0.36	9,960.10	2,969.57	535.58	2,970.03	2.26	1.57	1.63
12,778.00	89.24	359.61	9,960.01	3,059.56	535.55	3,060.03	1.99	-1.81	-0.83
12,868.00	88.74	359.93	9,961.60	3,149.55	535.19	3,150.01	0.66	-0.56	0.36
12,958.00	91.21	0.16	9,961.64	3,239.54	535.26	3,240.01	2.76	2.74	0.26
12,993.00	91.43	0.72	9,960.83	3,274.53	535.53	3,275.00	1.72	0.63	1.60
13,083.00	91.32	1.04	9,958.67	3,364.49	536.91	3,364.96	0.38	-0.12	0.36
13,173.00	91.18	0.55	9,956.71	3,454.46	538.16	3,454.93	0.57	-0.16	-0.54
13,263.00	92.16	0.36	9,954.09	3,544.42	538.88	3,544.89	1.11	1.09	-0.21
13,354.00	91.18	359.79	9,951.43	3,635.38	539.00	3,635.85	1.25	-1.08	-0.63
13,444.00	90.45	359.39	9,950.15	3,725.37	538.35	3,725.84	0.92	-0.81	-0.44
13,534.00	89.24	358.55	9,950.40	3,815.35	536.73	3,815.82	1.64	-1.34	-0.93
13,624.00	90.11	359.57	9,950.91	3,905.34	535.26	3,905.80	1.49	0.97	1.13
13,714.00	91.91	1.03	9,949.32	3,995.31	535.73	3,995.78	2.57	2.00	1.62
13,783.00	91.29	0.56	9,947.40	4,064.28	536.68	4,064.75	1.13	-0.90	-0.68
13,873.00	90.34	0.61	9,946.11	4,154.27	537.60	4,154.73	1.06	-1.06	0.06
13,964.00	89.22	0.54	9,946.46	4,245.26	538.52	4,245.73	1.23	-1.23	-0.08
14,054.00	91.90	1.47	9,945.58	4,335.23	540.09	4,335.70	3.15	2.98	1.03
14,144.00	90.90	1.17	9,943.39	4,425.18	542.17	4,425.65	1.16	-1.11	-0.33
14,234.00	89.97	1.03	9,942.70	4,515.16	543.90	4,515.63	1.04	-1.03	-0.16
14,324.00	89.58	1.47	9,943.06	4,605.14	545.86	4,605.61	0.65	-0.43	0.49
14,415.00	89.47	359.75	9,943.81	4,696.13	546.83	4,696.60	1.89	-0.12	-1.89
14,505.00	88.10	357.44	9,945.72	4,786.07	544.62	4,786.54	2.98	-1.52	-2.57
14,595.00	87.96	357.56	9,948.81	4,875.93	540.70	4,876.40	0.20	-0.16	0.13
14,686.00	88.15	357.75	9,951.90	4,966.80	536.98	4,967.27	0.30	0.21	0.21
14,776.00	87.42	357.38	9,955.38	5,056.65	533.16	5,057.12	0.91	-0.81	-0.41
14,866.00	88.66	359.20	9,958.46	5,146.55	530.47	5,147.02	2.45	1.38	2.02
14,957.00	92.21	4.16	9,957.77	5,237.47	533.14	5,237.93	6.70	3.90	5.45
15,047.00	90.67	2.28	9,955.51	5,327.29	538.19	5,327.76	2.70	-1.71	-2.09
15,137.00	89.05	0.74	9,955.73	5,417.26	540.56	5,417.73	2.48	-1.80	-1.71
15,228.00	91.88	2.61	9,954.99	5,508.20	543.22	5,508.67	3.73	3.11	2.05
15,318.00	91.46	1.82	9,952.36	5,598.09	546.70	5,598.57	0.99	-0.47	-0.88
15,408.00	91.20	3.01	9,950.27	5,687.99	550.49	5,688.47	1.35	-0.29	1.32
15,499.00	91.54	3.61	9,948.10	5,778.81	555.74	5,779.29	0.76	0.37	0.66
15,589.00	90.56	1.46	9,946.45	5,868.70	559.72	5,869.19	2.82	-1.09	-2.39
15,679.00	87.67	0.72	9,947.84	5,958.66	561.43	5,959.15	3.31	-3.21	-0.82

Legacy Directional Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,769.00	89.58	0.36	9,950.00	6,048.63	562.28	6,049.12	2.16	2.12	-0.40
15,859.00	89.10	357.97	9,951.04	6,138.61	560.97	6,139.09	2.71	-0.53	-2.66
15,949.00	90.06	358.60	9,951.70	6,228.56	558.28	6,229.05	1.28	1.07	0.70
16,039.00	90.20	355.84	9,951.49	6,318.45	553.91	6,318.93	3.07	0.16	-3.07
16,130.00	92.27	357.03	9,949.53	6,409.24	548.26	6,409.72	2.62	2.27	1.31
16,220.00	92.07	356.73	9,946.12	6,499.05	543.36	6,499.52	0.40	-0.22	-0.33
16,310.00	93.25	357.62	9,941.95	6,588.84	538.93	6,589.30	1.64	1.31	0.99
16,400.00	90.76	356.97	9,938.80	6,678.67	534.68	6,679.14	2.86	-2.77	-0.72
16,491.00	89.61	356.95	9,938.50	6,769.54	529.86	6,770.00	1.26	-1.26	-0.02
16,581.00	90.11	358.69	9,938.72	6,859.48	526.44	6,859.93	2.01	0.56	1.93
16,671.00	88.12	359.18	9,940.11	6,949.44	524.76	6,949.90	2.28	-2.21	0.54
16,761.00	90.84	0.96	9,940.93	7,039.43	524.87	7,039.88	3.61	3.02	1.98
16,852.00	90.11	359.92	9,940.18	7,130.42	525.57	7,130.88	1.40	-0.80	-1.14
16,942.00	91.12	357.69	9,939.21	7,220.39	523.70	7,220.84	2.72	1.12	-2.48
17,032.00	90.48	354.68	9,937.95	7,310.17	517.71	7,310.62	3.42	-0.71	-3.34
17,122.00	91.26	357.13	9,936.59	7,399.92	511.28	7,400.37	2.86	0.87	2.72
17,212.00	89.30	359.74	9,936.15	7,489.88	508.82	7,490.32	3.63	-2.18	2.90
17,302.00	90.14	1.43	9,936.59	7,579.87	509.74	7,580.31	2.10	0.93	1.88
17,393.00	90.70	1.81	9,935.92	7,670.83	512.32	7,671.27	0.74	0.62	0.42
17,483.00	90.14	2.05	9,935.26	7,760.77	515.35	7,761.22	0.68	-0.62	0.27
17,573.00	91.76	2.48	9,933.77	7,850.69	518.90	7,851.14	1.86	1.80	0.48
17,664.00	91.90	2.52	9,930.86	7,941.55	522.87	7,942.01	0.16	0.15	0.04
17,754.00	90.90	1.67	9,928.66	8,031.46	526.16	8,031.92	1.46	-1.11	-0.94
17,844.00	89.05	1.10	9,928.70	8,121.43	528.33	8,121.89	2.15	-2.06	-0.63
17,934.00	90.64	2.62	9,928.94	8,211.38	531.26	8,211.84	2.44	1.77	1.69
18,024.00	88.26	1.74	9,929.81	8,301.30	534.68	8,301.77	2.82	-2.64	-0.98
18,114.00	90.76	1.36	9,930.58	8,391.26	537.11	8,391.73	2.81	2.78	-0.42
18,205.00	89.86	0.67	9,930.09	8,482.24	538.73	8,482.71	1.25	-0.99	-0.76
18,295.00	90.45	0.40	9,929.84	8,572.24	539.57	8,572.71	0.72	0.66	-0.30
18,385.00	91.96	359.73	9,927.95	8,662.22	539.67	8,662.68	1.84	1.68	-0.74
18,475.00	88.91	358.12	9,927.27	8,752.18	537.98	8,752.65	3.83	-3.39	-1.79
18,565.00	89.02	358.54	9,928.89	8,842.13	535.36	8,842.59	0.48	0.12	0.47
18,655.00	90.62	357.62	9,929.17	8,932.08	532.34	8,932.54	2.05	1.78	-1.02
18,745.00	91.29	357.60	9,927.67	9,021.98	528.59	9,022.44	0.74	0.74	-0.02
18,836.00	91.20	357.77	9,925.70	9,112.89	524.91	9,113.34	0.21	-0.10	0.19
18,926.00	91.01	357.58	9,923.96	9,202.80	521.26	9,203.25	0.30	-0.21	-0.21
19,016.00	90.17	357.74	9,923.04	9,292.72	517.59	9,293.17	0.95	-0.93	0.18
19,106.00	90.34	359.16	9,922.63	9,382.68	515.15	9,383.13	1.59	0.19	1.58
19,197.00	89.61	359.63	9,922.67	9,473.67	514.19	9,474.12	0.95	-0.80	0.52
19,287.00	92.26	1.12	9,921.21	9,563.65	514.78	9,564.10	3.38	2.94	1.66
19,377.00	92.77	1.34	9,917.26	9,653.54	516.71	9,653.99	0.62	0.57	0.24
19,468.00	92.44	1.25	9,913.12	9,744.43	518.77	9,744.87	0.38	-0.36	-0.10
19,558.00	92.38	0.95	9,909.34	9,834.33	520.49	9,834.78	0.34	-0.07	-0.33

Legacy Directional Survey Report

Company:	XTO Energy Inc.	Local Co-ordinate Reference:	Well 104H - Slot 104H
Project:	Eddy County, NM	TVD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Site:	Corral Canyon 8-32 Fed	MD Reference:	GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Well:	104H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,648.00	90.81	1.68	9,906.83	9,924.27	522.56	9,924.72	1.92	-1.74	0.81
19,739.00	90.03	0.91	9,906.16	10,015.24	524.61	10,015.69	1.20	-0.86	-0.85
19,829.00	88.96	1.08	9,906.96	10,105.22	526.18	10,105.68	1.20	-1.19	0.19
19,919.00	88.35	1.34	9,909.07	10,195.18	528.08	10,195.63	0.74	-0.68	0.29
20,009.00	90.45	1.89	9,910.01	10,285.13	530.61	10,285.59	2.41	2.33	0.61
20,100.00	90.31	1.74	9,909.41	10,376.08	533.50	10,376.54	0.23	-0.15	-0.16
20,165.00	88.79	1.23	9,909.92	10,441.06	535.18	10,441.52	2.46	-2.33	-0.79
LTP 20165'MD / 9909.92'TVD									
20,165.53	88.78	1.22	9,909.93	10,441.58	535.19	10,442.04	2.46	-2.33	-0.79
LTP - 104H									
20,190.00	88.21	1.03	9,910.57	10,466.04	535.67	10,466.51	2.46	-2.33	-0.79
20,232.00	87.82	0.55	9,912.03	10,508.01	536.25	10,508.48	1.47	-0.93	-1.14
Last Survey 20232'MD/ 9912.03' TVD									
20,295.43	87.82	0.55	9,914.44	10,571.40	536.86	10,571.86	0.00	0.00	0.00
BHL - 104H									
20,296.00	87.82	0.55	9,914.46	10,571.96	536.86	10,572.43	0.00	0.00	0.00
PTB 20296'MD / 9914.46'MD									

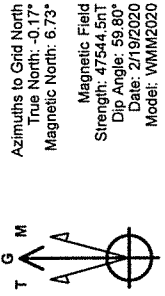
Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,260.00	9,949.02	542.69	517.17	FTP 10260'MD / 9949.02'TVD
20,165.00	9,909.92	10,441.06	535.18	LTP 20165'MD / 9909.92'TVD
20,232.00	9,912.03	10,508.01	536.25	Last Survey 20232'MD/ 9912.03' TVD
20,296.00	9,914.46	10,571.96	536.86	PTB 20296'MD / 9914.46'MD

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



Company: XTO Energy Inc.
Field: Eddy County, NM
Location: Corral Canyon 8-32 Fed
Well: 104H
OH
Plan: Plan 5
GL 2962 + 31' KB @ 2993.00usft (Akita 803)



Azimuths to Grid North
True North: -0.17°
Magnetic North: 6.73°
Magnetic Field
Strength: 47544.5nT
Dip Angle: 59.80°
Date: 2/19/2020
Model: WMM2020



WELL DETAILS: 104H

To convert a Magnetic Direction to a True Direction, Add 6.90° East

GL 2962 + 31' KB @ 2993.00usft (Akita 803)
Northing 2962.00
Easting 32.144019
Longitude 104H
Latitude 32.144019
Slot 104H

GL 2962 + 31' KB @ 2993.00usft (Akita 803)

PROJECT DETAILS: Eddy County, NM

Geodetic Datum: US State Plane 1927 (Exact solution)
System: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866

System Datum: Mean Sea Level
Zone: New Mexico East 3001

DESIGN TARGET DETAILS

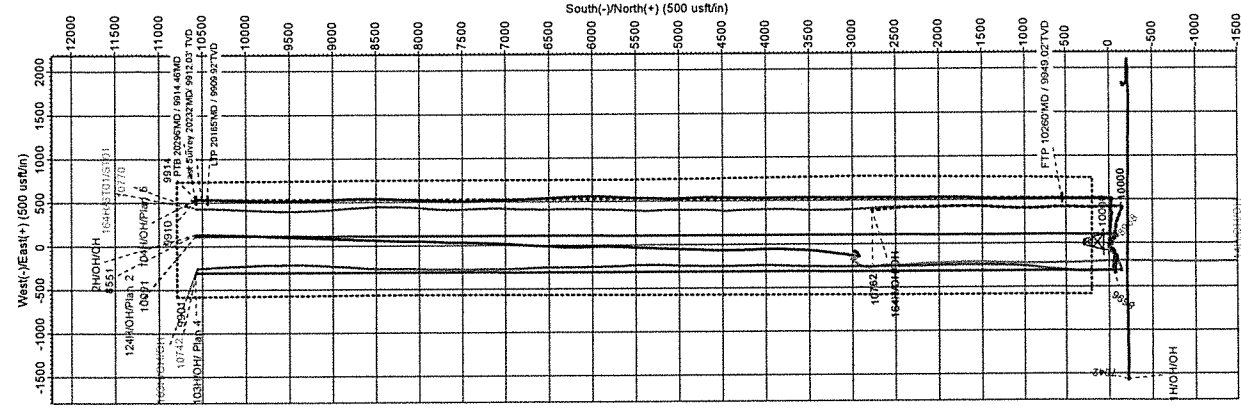
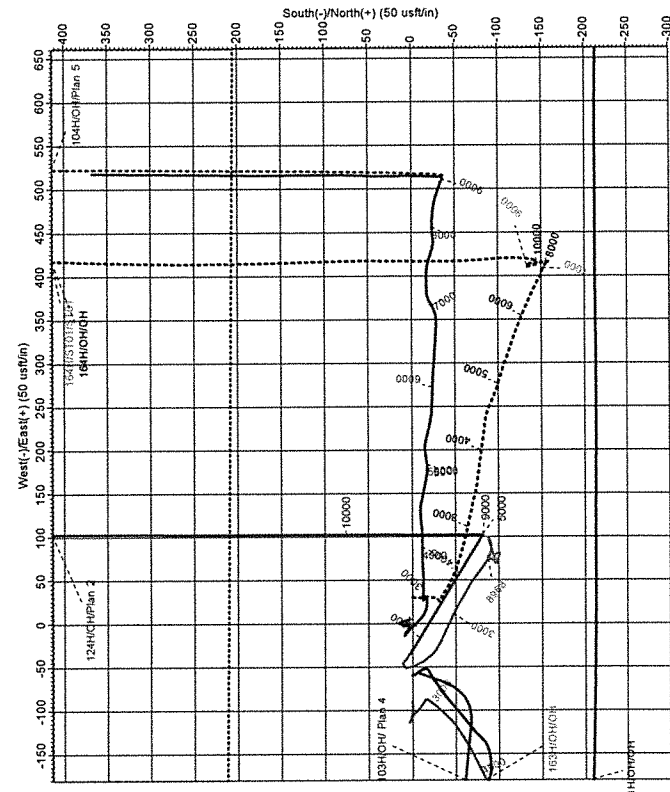
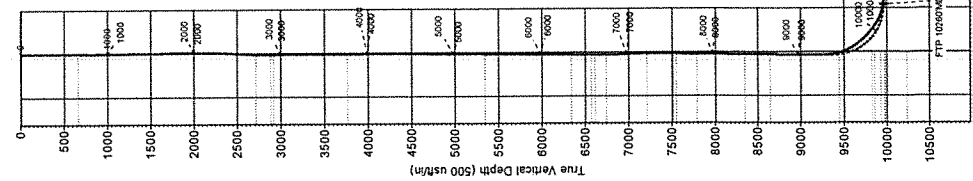
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - 104H	9910.49	10571.60	531.40	426839.10	601043.10	32.173076	-104.006768
LTP - 104H	9911.17	10441.60	532.60	426709.10	601044.30	32.172719	-104.006766
FTP - 104H	9963.00	542.90	523.10	416810.40	601034.80	32.145508	-104.006953

SECTION DETAILS

Sec	MD	Inc	Azi	+N/-S	+E/-W	Dleg	TFace	VSet	Target
1	9038.00	0.76	119.69	-35.40	511.31	0.00	0.00	-34.95	
2	9411.23	0.76	119.69	-37.72	515.38	0.00	0.00	-37.27	
3	10317.98	90.30	0.10	9963.04	538.21	10.00	-119.58	538.67	
4	10322.67	90.30	0.10	9963.01	542.90	0.00	0.00	543.36	FTP - 104H
5	10325.83	90.30	0.05	9963.00	546.06	523.11	1.50	-89.90	546.52
6	20221.51	90.30	0.05	9911.17	10441.60	0.00	0.00	10442.06	LTP - 104H
7	20351.51	90.30	0.05	9910.49	10571.60	0.00	0.00	10572.06	BHL - 104H

FORMATION TOP DETAILS

MDPath	Formation
655.01	Top of Salt
2705.72	Base of Salt
2875.00	Base of Lawrence
2905.26	Base of Lawrence
3759.74	Cherry Canyon
5348.49	Burshy Canyon
6334.00	Basal Brushy
6350.14	Basal Brushy
6566.00	Bone Spring
6625.48	Bone Spring
6725.47	Bone Spring
7205.00	Lower Avellan Shale
7251.93	1st Bone Spring Lime
7562.24	1st Bone Spring Sand
7751.00	2nd Bone Spring Lime
8370.21	2nd Bone Spring Sand
8627.59	3rd Bone Spring Lime
8627.59	3rd Bone Spring Sand
9817.00	Wolfcamp
9845.51	Wolfcamp X
9918.00	Wolfcamp Y
10086.26	Landing Point
9963.00	10307.71



Well Name: CORRAL CANYON 8-32 FEDERAL	Well Location: T25S / R29E / SEC 8 / NESW / 32.144143 / -104.009077	County or Parish/State: EDDY / NM
Well Number: 104H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM099147, NMNM99147	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546623	Well Status: Producing Gas Well	Operator: XTO ENERGY INCORPORATED

Subsequent Report**Sundry ID:** 2668505**Type of Submission:** Subsequent Report**Type of Action:** Drilling Operations**Date Sundry Submitted:** 04/25/2022**Time Sundry Submitted:** 02:47**Date Operation Actually Began:** 01/19/2022

Actual Procedure: XTO PERMIAN OPERATING LLC respectfully submits this sundry notice to report the completion operations of the referenced well. KOP @ depth 9,336 ft. PBTD = 20,284 ft. 9/27/21 Run RCB/GR/CCL 11/27/21 Pressure test 5.5 in csg to 8,841 psi for 30min test good, open sleeve. 1/19/22 Perf and frac 49 stages, 732 total shots, from 10,308 to 20,127 using 694,836 bbls of fluid and 34,345,472 lbs Proppant. Tag and drill out plugs. 3/19/22 Run 2-7/8 L80 6.5# tubing set at 9,347 ft. 3/19/22 Packer setting depth 9,331 ft. Ready Date: 4/10/22 First Production: 4/11/22

Well Name: JORNAL CANYON 8-32
FEDERAL

Well Location: T25S / R29E / SEC 8 /
NESW / 32.144143 / -104.009077

County or Parish/State: EDDY /
NM

Well Number: 104H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM099147,
NMNM99147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546623

Well Status: Producing Gas Well

Operator: XTO ENERGY
INCORPORATED

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS

Signed on: APR 25, 2022 02:47 PM

Name: XTO ENERGY INCORPORATED

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 05/17/2022

Signature: Jonathon Shepard

Well Name: CORRAL CANYON 8-32 FEDERAL	Well Location: T25S / R29E / SEC 8 / NESW / 32.144143 / -104.009077	County or Parish/State: EDDY / NM
Well Number: 104H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM99147	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546623	Well Status: Producing Gas Well	Operator: XTO ENERGY INCORPORATED

Subsequent Report

Sundry ID: 2680365

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 07/05/2022

Time Sundry Submitted: 10:01

Date Operation Actually Began: 01/19/2022

Actual Procedure: Well Record Clean up for perf depths and tubing and packer depths. Perfs should read 10,368 to 20,192. 2 7/8 L80 6.5# tubing is set at 9353. Packer is set at 9338.

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS

Signed on: JUL 05, 2022 10:01 AM

Name: XTO ENERGY INCORPORATED

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Well Name: JORNAL CANYON 8-32
FEDERAL

Well Location: T25S / R29E / SEC 8 /
NESW / 32.144143 / -104.009077

County or Parish/State: EDDY /
NM

Well Number: 104H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM99147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001546623

Well Status: Producing Gas Well

Operator: XTO ENERGY
INCORPORATED

CONFIDENTIAL

Well Name: CORRAL CANYON 8-32 FEDERAL	Well Location: T25S / R29E / SEC 8 / NESW / 32.144143 / -104.009077	County or Parish/State: EDDY / NM
Well Number: 104H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM099147, NMNM99147	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546623	Well Status: Producing Gas Well	Operator: XTO ENERGY INCORPORATED

Notification

Sundry ID:	2668519		
Type of Submission:	Notification	Type of Action:	First Production
Date Sundry Submitted:	Apr 25, 2022	Time Sundry Submitted:	3:03:19 PM
First Production Date:	Apr 11, 2022		
US Well Number:	3001546623		
First Production Remarks:	Ready date 04/10/22 First prod 04/11/22		
Disposition:	Accepted		
Accepted Date:	05/12/2022		

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 CORRAL CANYON 8 32 FEDERAL		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								6. Well Number: 104H		
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 PURPLE SAGE;WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	08	25S	29E		2437	South	1906	West	Eddy
BH:	K	32	24S	29E		2441	South	2435	West	Eddy
13. Date Spudded 3/2/2020	14. Date T.D. Reached 5/7/2020		15. Date Rig Released 5/10/2020		16. Date Completed (Ready to Produce) 4/10/2022			17. Elevations (DF and RKB, RT, GR, etc.) 2962' GL		
18. Total Measured Depth of Well 20,296			19. Plug Back Measured Depth 20,284		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,368 TO 20,192 PURPLE SAGE;WOLFCAMP (GAS)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
11 3/4"		54.0		629'		14 3/4"		810		
8 5/8"		32.0		9,129'		10 5/8"		1,730		
5 1/2"		23.0		20,286		7 7/8"		2,205		
24. LINER RECORD SIZE TOP BOTTOM SACKS CEMENT SCREEN						25. TUBING RECORD SIZE DEPTH SET PACKER SET				
						2 7/8" 9,353 9,338				
26. Perforation record (interval, size, and number) 10,368 TO 20,192, 4spf, 1,180 Total Shots 49 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 10,368 TO 20,192 516,764 bbl fluid + 24,542,428 lbs proppant				
28. PRODUCTION										
Date First Production 4/11/22		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 5/27/22	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2039	Gas - MCF 5205	Water - Bbl. 4276	Gas - Oil Ratio 2553			
Flow Tubing Press. 524	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 2039	Gas - MCF 5205	Water - Bbl. 4276	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>Amanda Thames</i>			Printed Name Amanda Thames			Title Regulatory Analyst			Date 7/5/2022	
E-mail Address amanda.thames@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 655'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 2,705'	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 2,875'	T. Morrison	
T. Drinkard	T. Bone Springs 6,566'	T. Todilto	
T. Abo	T. Rustler 359'	T. Entrada	
T. Wolfcamp 9,817'	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

From	To	Thickness In Feet	Lithology

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 122760

ACKNOWLEDGMENTS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 122760
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 122760

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 122760
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	9/3/2025