

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 - 015-47117	⁵ Pool Name FORTY NINER RIDGE; BONE SPRING	⁶ Pool Code 96526
⁷ Property Code 317788	⁸ Property Name REMUDA SOUTH 25 STATE	⁹ Well Number 701H

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
E	25	23S	29E		2354	North	630	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
M	36	23S	29E		244	South	330	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
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
34053	Plains Marketing, LP	OIL
373075	XTO Permian Midstream	Gas
005380	XTO Energy, Inc	Wtr

IV. Well Completion Data

²¹ Spud Date 7/13/2020	²² Ready Date 6/18/21	²³ TD 16695 MD 8949 TVD	²⁴ PBD 16693 MD 8949 TVD	²⁵ Perforations 9,327 - 16,552	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
20	16	363	485		
14.75	11.75	3134	2233		
10.625	8.625	7575	1065		
7.875	5.5 2 7/8 tbg	16685 8440	1710		

V. Well Test Data

³¹ Date New Oil 6/19/21	³² Gas Delivery Date 6/22/21	³³ Test Date 6/22/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 644	³⁶ Csg. Pressure 618
³⁷ Choke Size	³⁸ Oil 1754	³⁹ Water 3526	⁴⁰ Gas 2552		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: 08/26/2021

Phone: 432.218.3671

OIL CONSERVATION DIVISION

Approved by: KURT SIMMONS

Title: NMOCD, SANTA FE

Approval Date: 09/24/2021

District I

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

District II

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

District III

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

District IV

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

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

AS-DRILLED PLAT

¹ API Number 30-015-47117	² Pool Code 96526	³ Pool Name FORTY NINER RIDGE BONE SPRING, WEST
⁴ Property Code 317788	⁵ Property Name REMUDA SOUTH 25 STATE	⁶ Well Number 701H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,065'

¹⁰ Surface Location

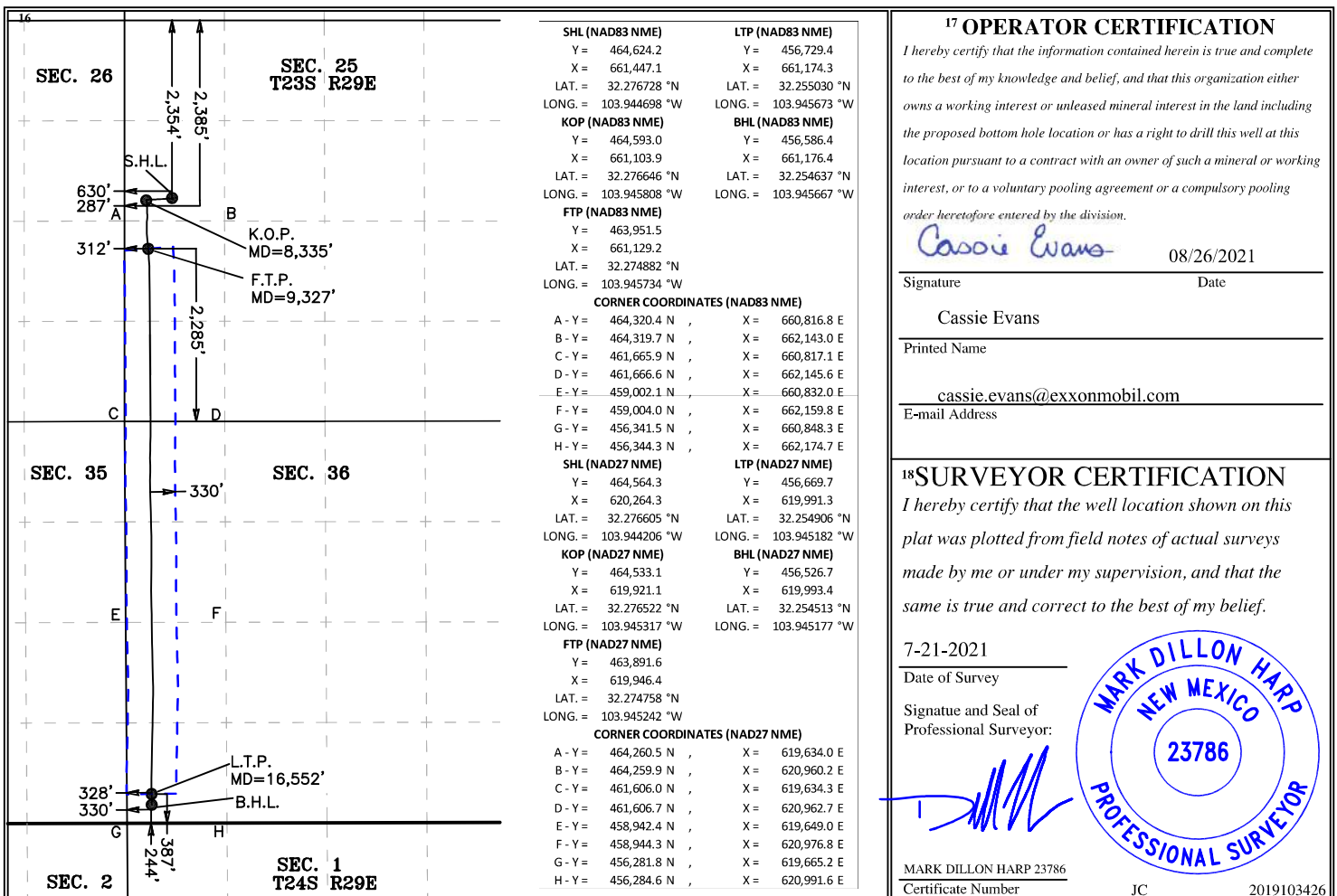
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	25	23 S	29 E		2,354	NORTH	630	WEST	EDDY

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
M	36	23 S	29 E		244	SOUTH	330	WEST	EDDY

¹² Dedicated Acres 240	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.



Intent ☐ As Drilled ☒

API # 30-015-47117		
Operator Name: XTO ENERGY, INC.	Property Name: REMUDA SOUTH 25 STATE	Well Number 701H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	25	23S	29E		2,385	FNL	287	FWL	EDDY
Latitude 32.276646					Longitude 103.945808				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	25	23S	29E		2,285	FSL	312	FWL	EDDY
Latitude 32.274882					Longitude 103.945734				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	36	23S	29E		387	FSL	328	FWL	EDDY
Latitude 32.255030					Longitude 103.945673				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 Permian Operating, LLC

Eddy Co., NM

Remuda South 25 State

701H

Wellbore #1

Design: Wellbore #1

Standard Survey Report

18 September, 2020





Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Project	Eddy Co., 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	Remuda South 25 State		
Site Position:		Northing:	464,564.400 usft
From:	Map	Easting:	621,554.200 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	32° 16' 35.730724 N
		Longitude:	103° 56' 24.116704 W
		Grid Convergence:	0.21 °

Well	701H		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	2.00 ft	Wellhead Elevation:	ft
		Latitude:	32° 16' 35.776279 N
		Longitude:	103° 56' 39.141376 W
		Ground Level:	3,065.00 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM_FILE	7/1/2020	6.85
			Dip Angle (°)
			59.97
			Field Strength (nT)
			47,828.30000000

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction (°)
			179.77

Survey Program	Date	9/18/2020		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
144.00	8,257.00	Survey #1 Scientific Surveys (Wellbore #1	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction
8,309.00	16,695.00	Survey #2 SDI Surveys (Wellbore #1)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.00	0.59	152.39	144.00	-0.66	0.34	0.66	0.41	0.41	0.00
239.00	0.81	163.05	238.99	-1.73	0.77	1.74	0.27	0.23	11.22
278.00	0.57	151.86	277.99	-2.17	0.94	2.17	0.70	-0.62	-28.69
321.00	0.69	152.04	320.98	-2.58	1.16	2.59	0.28	0.28	0.42
420.00	0.83	171.68	419.98	-3.82	1.54	3.83	0.30	0.14	19.84
516.00	0.98	168.37	515.96	-5.31	1.81	5.32	0.17	0.16	-3.45
607.00	0.98	167.25	606.95	-6.83	2.14	6.84	0.02	0.00	-1.23
698.00	1.21	169.07	697.93	-8.54	2.49	8.55	0.26	0.25	2.00
789.00	1.18	164.44	788.91	-10.38	2.93	10.39	0.11	-0.03	-5.09



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
881.00	0.96	163.14	880.90	-12.03	3.40	12.05	0.24	-0.24	-1.41
975.00	0.35	153.45	974.89	-13.04	3.76	13.06	0.66	-0.65	-10.31
1,068.00	0.14	100.71	1,067.89	-13.32	4.00	13.33	0.31	-0.23	-56.71
1,161.00	0.47	4.80	1,160.89	-12.96	4.14	12.98	0.54	0.35	-103.13
1,256.00	0.47	358.22	1,255.89	-12.18	4.16	12.20	0.06	0.00	-6.93
1,350.00	0.46	0.16	1,349.88	-11.42	4.15	11.44	0.02	-0.01	2.06
1,444.00	0.49	357.32	1,443.88	-10.64	4.13	10.66	0.04	0.03	-3.02
1,538.00	0.53	358.40	1,537.88	-9.80	4.10	9.82	0.04	0.04	1.15
1,632.00	0.60	5.21	1,631.87	-8.88	4.14	8.90	0.10	0.07	7.24
1,725.00	0.62	7.00	1,724.87	-7.90	4.24	7.91	0.03	0.02	1.92
1,819.00	0.73	20.82	1,818.86	-6.83	4.52	6.85	0.21	0.12	14.70
1,913.00	0.72	19.91	1,912.85	-5.72	4.93	5.74	0.02	-0.01	-0.97
2,007.00	0.71	17.53	2,006.85	-4.60	5.31	4.63	0.03	-0.01	-2.53
2,100.00	0.66	20.17	2,099.84	-3.55	5.66	3.58	0.06	-0.05	2.84
2,194.00	0.71	18.60	2,193.83	-2.49	6.04	2.52	0.06	0.05	-1.67
2,287.00	0.68	20.24	2,286.83	-1.43	6.41	1.45	0.04	-0.03	1.76
2,381.00	0.63	17.53	2,380.82	-0.41	6.76	0.44	0.06	-0.05	-2.88
2,476.00	0.64	38.18	2,475.81	0.50	7.25	-0.47	0.24	0.01	21.74
2,571.00	0.64	73.18	2,570.81	1.07	8.08	-1.04	0.41	0.00	36.84
2,665.00	0.69	82.15	2,664.80	1.30	9.14	-1.27	0.12	0.05	9.54
2,759.00	0.92	86.68	2,758.79	1.42	10.46	-1.38	0.25	0.24	4.82
2,853.00	0.75	121.31	2,852.78	1.15	11.74	-1.10	0.56	-0.18	36.84
2,948.00	0.86	178.76	2,947.78	0.11	12.28	-0.06	0.82	0.12	60.47
3,042.00	1.11	169.91	3,041.76	-1.49	12.46	1.54	0.31	0.27	-9.41
3,066.00	1.19	165.48	3,065.76	-1.96	12.56	2.01	0.50	0.33	-18.46
3,149.00	1.05	174.30	3,148.74	-3.55	12.85	3.60	0.27	-0.17	10.63
3,216.00	1.05	202.16	3,215.73	-4.73	12.68	4.78	0.75	0.00	41.58
3,310.00	2.12	255.95	3,309.70	-5.95	10.67	5.99	1.83	1.14	57.22
3,404.00	3.18	260.75	3,403.59	-6.79	6.41	6.82	1.15	1.13	5.11
3,498.00	5.12	264.56	3,497.34	-7.61	-0.34	7.61	2.08	2.06	4.05
3,592.00	6.87	269.52	3,590.83	-8.05	-10.14	8.01	1.94	1.86	5.28
3,686.00	8.46	268.67	3,683.98	-8.26	-22.67	8.17	1.70	1.69	-0.90
3,778.00	10.08	268.09	3,774.78	-8.69	-37.48	8.54	1.76	1.76	-0.63
3,873.00	11.86	266.47	3,868.04	-9.56	-55.54	9.34	1.90	1.87	-1.71
3,967.00	12.47	266.58	3,959.93	-10.76	-75.31	10.46	0.65	0.65	0.12
4,061.00	12.62	266.63	4,051.68	-11.97	-95.69	11.59	0.16	0.16	0.05
4,155.00	12.81	266.31	4,143.38	-13.25	-116.34	12.78	0.22	0.20	-0.34
4,249.00	13.33	266.14	4,234.94	-14.65	-137.55	14.10	0.55	0.55	-0.18
4,344.00	13.79	265.60	4,327.30	-16.25	-159.77	15.61	0.50	0.48	-0.57
4,437.00	14.64	267.38	4,417.45	-17.64	-182.56	16.91	1.03	0.91	1.91
4,531.00	14.35	268.17	4,508.46	-18.56	-206.07	17.73	0.37	-0.31	0.84
4,625.00	13.52	267.93	4,599.69	-19.33	-228.69	18.41	0.89	-0.88	-0.26
4,719.00	11.80	268.32	4,691.40	-20.00	-249.28	19.00	1.83	-1.83	0.41



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,814.00	9.65	268.77	4,784.73	-20.46	-266.96	19.39	2.26	-2.26	0.47	
4,908.00	8.37	268.11	4,877.57	-20.85	-281.67	19.72	1.37	-1.36	-0.70	
5,002.00	6.97	266.05	4,970.73	-21.47	-294.20	20.29	1.52	-1.49	-2.19	
5,096.00	6.04	264.15	5,064.12	-22.37	-304.81	21.15	1.02	-0.99	-2.02	
5,191.00	4.03	263.87	5,158.75	-23.24	-313.10	21.98	2.12	-2.12	-0.29	
5,285.00	2.48	264.00	5,252.60	-23.80	-318.41	22.52	1.65	-1.65	0.14	
5,378.00	1.90	260.55	5,345.53	-24.27	-321.93	22.97	0.64	-0.62	-3.71	
5,471.00	1.77	258.84	5,438.48	-24.80	-324.86	23.49	0.15	-0.14	-1.84	
5,565.00	1.91	256.27	5,532.43	-25.45	-327.81	24.13	0.17	0.15	-2.73	
5,658.00	1.90	255.00	5,625.38	-26.22	-330.80	24.89	0.05	-0.01	-1.37	
5,751.00	1.62	255.22	5,718.34	-26.95	-333.56	25.61	0.30	-0.30	0.24	
5,844.00	0.59	271.24	5,811.32	-27.28	-335.31	25.93	1.15	-1.11	17.23	
5,939.00	0.81	268.62	5,906.31	-27.28	-336.47	25.93	0.23	0.23	-2.76	
6,033.00	0.69	264.24	6,000.30	-27.35	-337.70	26.00	0.14	-0.13	-4.66	
6,127.00	0.35	257.32	6,094.30	-27.47	-338.54	26.11	0.37	-0.36	-7.36	
6,221.00	1.08	67.05	6,188.30	-27.19	-338.01	25.83	1.52	0.78	180.56	
6,315.00	1.04	70.34	6,282.28	-26.56	-336.39	25.21	0.08	-0.04	3.50	
6,410.00	1.00	81.32	6,377.27	-26.14	-334.76	24.80	0.21	-0.04	11.56	
6,504.00	0.81	71.61	6,471.25	-25.81	-333.31	24.47	0.26	-0.20	-10.33	
6,597.00	0.82	87.16	6,564.24	-25.57	-332.03	24.24	0.24	0.01	16.72	
6,691.00	0.73	95.15	6,658.24	-25.59	-330.76	24.26	0.15	-0.10	8.50	
6,785.00	0.63	91.53	6,752.23	-25.66	-329.64	24.33	0.12	-0.11	-3.85	
6,879.00	0.73	85.87	6,846.22	-25.63	-328.53	24.31	0.13	0.11	-6.02	
6,972.00	0.72	88.17	6,939.21	-25.57	-327.36	24.25	0.03	-0.01	2.47	
7,066.00	0.52	68.51	7,033.21	-25.39	-326.37	24.08	0.31	-0.21	-20.91	
7,159.00	0.31	82.95	7,126.21	-25.21	-325.73	23.90	0.25	-0.23	15.53	
7,254.00	0.18	305.58	7,221.21	-25.09	-325.59	23.78	0.48	-0.14	-144.60	
7,348.00	0.65	264.63	7,315.20	-25.05	-326.24	23.74	0.56	0.50	-43.56	
7,441.00	1.24	278.35	7,408.19	-24.96	-327.76	23.64	0.68	0.63	14.75	
7,499.00	1.67	276.66	7,466.17	-24.77	-329.22	23.44	0.74	0.74	-2.91	
7,642.00	2.54	277.79	7,609.07	-24.10	-334.43	22.75	0.61	0.61	0.79	
7,736.00	1.45	268.90	7,703.02	-23.84	-337.69	22.48	1.20	-1.16	-9.46	
7,830.00	1.82	269.91	7,796.98	-23.86	-340.37	22.49	0.39	0.39	1.07	
7,924.00	1.35	272.98	7,890.94	-23.81	-342.97	22.43	0.51	-0.50	3.27	
8,018.00	0.95	199.24	7,984.93	-24.48	-344.33	23.10	1.51	-0.43	-78.45	
8,112.00	1.22	182.73	8,078.91	-26.22	-344.63	24.84	0.44	0.29	-17.56	
8,205.00	1.25	155.55	8,171.89	-28.13	-344.26	26.75	0.62	0.03	-29.23	
8,257.00	1.24	159.48	8,223.88	-29.17	-343.83	27.79	0.17	-0.02	7.56	
8,309.00	0.85	154.82	8,275.87	-30.05	-343.47	28.67	0.77	-0.75	-8.96	
8,356.00	4.37	167.27	8,322.81	-32.11	-342.93	30.74	7.54	7.49	26.49	
8,404.00	9.71	166.74	8,370.43	-37.84	-341.59	36.47	11.13	11.13	-1.10	
8,451.00	12.68	164.83	8,416.53	-46.68	-339.33	45.32	6.37	6.32	-4.06	
8,498.00	16.16	171.65	8,462.05	-58.13	-337.03	56.78	8.23	7.40	14.51	



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
8,545.00	21.80	178.08	8,506.48	-73.34	-335.79	71.99	12.78	12.00	13.68	
8,591.00	25.68	177.40	8,548.58	-91.84	-335.05	90.50	8.46	8.43	-1.48	
8,638.00	29.01	176.59	8,590.32	-113.40	-333.91	112.06	7.13	7.09	-1.72	
8,686.00	32.90	178.57	8,631.48	-138.06	-332.89	136.72	8.38	8.10	4.13	
8,733.00	35.11	178.67	8,670.44	-164.33	-332.26	163.00	4.70	4.70	0.21	
8,779.00	37.28	176.98	8,707.56	-191.48	-331.22	190.14	5.19	4.72	-3.67	
8,831.00	40.83	175.42	8,747.94	-224.16	-329.03	222.84	7.08	6.83	-3.00	
8,876.00	45.75	183.13	8,780.70	-254.96	-328.74	253.63	16.03	10.93	17.13	
8,923.00	52.22	187.53	8,811.54	-290.22	-332.09	288.89	15.47	13.77	9.36	
8,970.00	57.21	183.32	8,838.69	-328.40	-335.68	327.05	12.89	10.62	-8.96	
9,016.00	65.15	181.57	8,860.85	-368.63	-337.37	367.27	17.58	17.26	-3.80	
9,063.00	72.56	178.52	8,877.79	-412.43	-337.37	411.07	16.89	15.77	-6.49	
9,110.00	77.04	175.18	8,890.12	-457.69	-334.87	456.35	11.74	9.53	-7.11	
9,158.00	81.39	175.30	8,899.10	-504.67	-330.96	503.34	9.07	9.06	0.25	
9,179.00	83.53	175.64	8,901.85	-525.42	-329.31	524.10	10.32	10.19	1.62	
9,272.00	88.39	175.40	8,908.40	-617.88	-322.07	616.58	5.23	5.23	-0.26	
9,366.00	88.62	175.84	8,910.85	-711.58	-314.89	710.31	0.53	0.24	0.47	
9,460.00	89.23	176.00	8,912.62	-805.32	-308.21	804.08	0.67	0.65	0.17	
9,554.00	87.78	178.52	8,915.07	-899.17	-303.71	897.94	3.09	-1.54	2.68	
9,648.00	91.11	179.64	8,915.98	-993.14	-302.21	991.92	3.74	3.54	1.19	
9,741.00	90.57	179.00	8,914.62	-1,086.12	-301.10	1,084.90	0.90	-0.58	-0.69	
9,836.00	89.39	178.78	8,914.65	-1,181.10	-299.26	1,179.89	1.26	-1.24	-0.23	
9,930.00	88.52	178.88	8,916.36	-1,275.07	-297.34	1,273.86	0.93	-0.93	0.11	
10,025.00	87.21	178.77	8,919.90	-1,369.98	-295.40	1,368.78	1.38	-1.38	-0.12	
10,120.00	86.90	179.38	8,924.78	-1,464.84	-293.86	1,463.65	0.72	-0.33	0.64	
10,215.00	90.87	180.09	8,926.63	-1,559.80	-293.43	1,558.61	4.25	4.18	0.75	
10,309.00	91.21	179.88	8,924.93	-1,653.79	-293.40	1,652.59	0.43	0.36	-0.22	
10,403.00	90.64	179.92	8,923.41	-1,747.77	-293.24	1,746.58	0.61	-0.61	0.04	
10,497.00	89.33	179.76	8,923.43	-1,841.77	-292.97	1,840.58	1.40	-1.39	-0.17	
10,591.00	88.96	179.75	8,924.84	-1,935.76	-292.57	1,934.57	0.39	-0.39	-0.01	
10,685.00	88.29	179.73	8,927.09	-2,029.73	-292.15	2,028.54	0.71	-0.71	-0.02	
10,780.00	87.34	179.64	8,930.71	-2,124.66	-291.62	2,123.47	1.00	-1.00	-0.09	
10,874.00	88.99	180.31	8,933.72	-2,218.61	-291.58	2,217.42	1.89	1.76	0.71	
10,967.00	91.51	179.58	8,933.32	-2,311.60	-291.49	2,310.41	2.82	2.71	-0.78	
11,062.00	90.91	179.68	8,931.31	-2,406.57	-290.88	2,405.39	0.64	-0.63	0.11	
11,156.00	89.80	179.27	8,930.73	-2,500.57	-290.02	2,499.38	1.26	-1.18	-0.44	
11,249.00	90.13	179.25	8,930.79	-2,593.56	-288.82	2,592.38	0.36	0.35	-0.02	
11,343.00	89.90	179.19	8,930.76	-2,687.55	-287.54	2,686.37	0.25	-0.24	-0.06	
11,438.00	90.17	179.71	8,930.70	-2,782.55	-286.63	2,781.37	0.62	0.28	0.55	
11,532.00	90.77	179.99	8,929.93	-2,876.54	-286.38	2,875.37	0.70	0.64	0.30	
11,626.00	90.54	180.11	8,928.86	-2,970.53	-286.46	2,969.36	0.28	-0.24	0.13	
11,720.00	91.07	180.27	8,927.54	-3,064.52	-286.77	3,063.35	0.59	0.56	0.17	
11,815.00	90.74	181.08	8,926.04	-3,159.51	-287.89	3,158.32	0.92	-0.35	0.85	
11,910.00	90.94	181.26	8,924.64	-3,254.48	-289.83	3,253.29	0.28	0.21	0.19	



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
12,005.00	92.15	181.26	8,922.08	-3,349.42	-291.92	3,348.22	1.27	1.27	0.00
12,100.00	90.20	179.97	8,920.14	-3,444.38	-292.94	3,443.18	2.46	-2.05	-1.36
12,195.00	88.42	179.17	8,921.28	-3,539.37	-292.23	3,538.17	2.05	-1.87	-0.84
12,290.00	89.03	179.40	8,923.39	-3,634.34	-291.04	3,633.14	0.69	0.64	0.24
12,384.00	90.74	180.83	8,923.58	-3,728.33	-291.23	3,727.13	2.37	1.82	1.52
12,479.00	88.72	179.04	8,924.03	-3,823.32	-291.12	3,822.12	2.84	-2.13	-1.88
12,573.00	88.72	178.71	8,926.13	-3,917.28	-289.28	3,916.09	0.35	0.00	-0.35
12,667.00	88.59	178.49	8,928.34	-4,011.23	-286.98	4,010.04	0.27	-0.14	-0.23
12,760.00	88.62	178.76	8,930.60	-4,104.17	-284.75	4,103.00	0.29	0.03	0.29
12,855.00	88.62	178.70	8,932.89	-4,199.12	-282.65	4,197.95	0.06	0.00	-0.06
12,947.00	88.35	178.70	8,935.32	-4,291.07	-280.56	4,289.90	0.29	-0.29	0.00
13,042.00	88.79	178.77	8,937.69	-4,386.01	-278.46	4,384.86	0.47	0.46	0.07
13,135.00	88.72	179.03	8,939.71	-4,478.97	-276.68	4,477.83	0.29	-0.08	0.28
13,230.00	89.53	179.83	8,941.16	-4,573.96	-275.73	4,572.81	1.20	0.85	0.84
13,324.00	89.56	179.63	8,941.91	-4,667.95	-275.29	4,666.81	0.22	0.03	-0.21
13,419.00	89.06	179.23	8,943.05	-4,762.94	-274.35	4,761.80	0.67	-0.53	-0.42
13,514.00	90.27	180.39	8,943.61	-4,857.93	-274.03	4,856.79	1.76	1.27	1.22
13,608.00	90.54	180.71	8,942.94	-4,951.93	-274.93	4,950.78	0.45	0.29	0.34
13,703.00	90.94	180.80	8,941.72	-5,046.91	-276.18	5,045.76	0.43	0.42	0.09
13,797.00	89.53	180.45	8,941.33	-5,140.90	-277.21	5,139.75	1.55	-1.50	-0.37
13,891.00	91.14	179.85	8,940.78	-5,234.90	-277.46	5,233.74	1.83	1.71	-0.64
13,985.00	90.74	179.15	8,939.24	-5,328.88	-276.64	5,327.73	0.86	-0.43	-0.74
14,078.00	90.44	179.00	8,938.28	-5,421.86	-275.13	5,420.71	0.36	-0.32	-0.16
14,171.00	91.01	179.14	8,937.11	-5,514.84	-273.62	5,513.70	0.63	0.61	0.15
14,265.00	90.81	178.86	8,935.61	-5,608.82	-271.98	5,607.68	0.37	-0.21	-0.30
14,359.00	90.13	179.15	8,934.84	-5,702.80	-270.35	5,701.67	0.79	-0.72	0.31
14,454.00	90.20	179.11	8,934.57	-5,797.79	-268.91	5,796.66	0.08	0.07	-0.04
14,548.00	89.73	178.75	8,934.63	-5,891.77	-267.15	5,890.65	0.63	-0.50	-0.38
14,642.00	89.29	178.38	8,935.43	-5,985.74	-264.80	5,984.63	0.61	-0.47	-0.39
14,736.00	89.19	178.55	8,936.68	-6,079.69	-262.28	6,078.59	0.21	-0.11	0.18
14,831.00	89.56	178.28	8,937.71	-6,174.65	-259.66	6,173.56	0.48	0.39	-0.28
14,924.00	89.13	177.96	8,938.78	-6,267.60	-256.60	6,266.52	0.58	-0.46	-0.34
15,019.00	90.91	179.04	8,938.74	-6,362.56	-254.12	6,361.49	2.19	1.87	1.14
15,114.00	92.49	179.18	8,935.92	-6,457.50	-252.64	6,456.44	1.67	1.66	0.15
15,208.00	92.45	180.86	8,931.87	-6,551.41	-252.68	6,550.34	1.79	-0.04	1.79
15,303.00	91.38	181.49	8,928.70	-6,646.34	-254.62	6,645.26	1.31	-1.13	0.66
15,397.00	89.26	181.61	8,928.17	-6,740.29	-257.17	6,739.21	2.26	-2.26	0.13
15,490.00	87.28	181.06	8,930.98	-6,833.22	-259.33	6,832.13	2.21	-2.13	-0.59
15,585.00	86.33	180.67	8,936.28	-6,928.06	-260.76	6,926.96	1.08	-1.00	-0.41
15,679.00	88.08	180.43	8,940.86	-7,021.94	-261.66	7,020.84	1.88	1.86	-0.26
15,774.00	88.65	180.42	8,943.57	-7,116.90	-262.37	7,115.79	0.60	0.60	-0.01
15,868.00	90.03	181.49	8,944.65	-7,210.88	-263.94	7,209.76	1.86	1.47	1.14
15,963.00	90.50	181.80	8,944.21	-7,305.84	-266.66	7,304.71	0.59	0.49	0.33



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 701H
Project:	Eddy Co., NM	TVD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Site:	Remuda South 25 State	MD Reference:	RT=32 @ 3097.00ft (Nabors X09)
Well:	701H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	RyanUSA_32Bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
16,056.00	90.91	181.88	8,943.07	-7,398.78	-269.65	7,397.64	0.45	0.44	0.09
16,150.00	90.10	181.18	8,942.24	-7,492.74	-272.16	7,491.59	1.14	-0.86	-0.74
16,243.00	89.97	180.95	8,942.18	-7,585.73	-273.89	7,584.57	0.28	-0.14	-0.25
16,338.00	88.12	180.05	8,943.77	-7,680.71	-274.72	7,679.54	2.17	-1.95	-0.95
16,430.00	88.72	179.49	8,946.30	-7,772.67	-274.35	7,771.51	0.89	0.65	-0.61
16,523.00	88.62	179.35	8,948.46	-7,865.64	-273.41	7,864.48	0.18	-0.11	-0.15
16,617.00	90.10	179.12	8,949.51	-7,959.62	-272.15	7,958.47	1.59	1.57	-0.24
16,640.00	90.47	179.08	8,949.40	-7,982.62	-271.79	7,981.46	1.62	1.61	-0.17
16,695.00	90.47	179.08	8,948.95	-8,037.61	-270.91	8,036.46	0.00	0.00	0.00
PTB @ 16695' MD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
16,695.00	8,948.95	-8,037.61	-270.91	PTB @ 16695' MD

Checked By: _____ Approved By: _____ Date: _____



XTO Energy Inc.
EMHC.W4.4A.275
22777 Springwoods Village Pkwy
Spring TX 77389-1425
832-625-4370 - Direct Phone
carlos.salinas@exxonmobil.com

September 16, 2020

XTO Energy Inc.
22777 Springwoods Village Pkwy
Spring, Texas 77389

Re: Waiver of Objection: Non-Standard Spacing Unit or Units for:

NE/4 Sec 25, T23S-R29E, for Remuda South 25 105H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 125H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 166H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 126H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 167H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 107H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 108H
NE/4 Sec 25, T23S-R29E, for Remuda South 25 908H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 105H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 125H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 126H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 906H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 127H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 168H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 107H
SE/4 Sec 25, T23S-R29E, for Remuda North 25 128H

To Whom It May Concern:

XTO Energy Inc., as designated operator of the NE/4 and SE/4 Section 25-T23S-R29E, hereby waives objection for approval of a non-standard spacing unit or units comprised of the following:

NE/4 Sec 25, T23S-R29E, for Remuda South 25 105H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 125H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 166H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 126H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 167H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 107H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 108H;
NE/4 Sec 25, T23S-R29E, for Remuda South 25 908H; and

SE/4 Sec 25, T23S-R29E, for Remuda North 25 105H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 125H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 126H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 906H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 127H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 168H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 107H;
SE/4 Sec 25, T23S-R29E, for Remuda North 25 128H

in Eddy County, New Mexico. The acreage is expected to be placed in the Purple Sage; Wolfcamp Pool (Pool Code 98820) with a designation of 480-acre spacing per well. The NE/4 and SE/4 of Section 25 is located in adjacent horizontal spacing unit tracts with 0-acreage being stranded or abandoned.

Should you have any questions, please do not hesitate to contact me directly at 832-625-4370.

Thank you in advance for your prompt attention to this matter.

Sincerely,

XTO Energy Inc.

A handwritten signature in blue ink, appearing to read "CR Salinas".

Sr. Landman

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 REMUDA SOUTH 25 STATE		
								6. Well Number: 701H		
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 FORTY NINER RIDGE;BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	25	23S	29E		2354	North	630	West	Eddy
BH:	M	36	23S	29E		244	South	330	West	Eddy
13. Date Spudded 7/13/2020	14. Date T.D. Reached 9/17/2020		15. Date Rig Released 9/21/2020		16. Date Completed (Ready to Produce) 6/18/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3065' GL		
18. Total Measured Depth of Well 16,695			19. Plug Back Measured Depth 16,693		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,327 - 16,552 FORTY NINER RIDGE;BONE SPRING										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
16.0"		75.0		363'		20"		485		
11 3/4"		54.0		3,134'		14 3/4"		2233		
8 5/8"		32.0		7,575'		10 5/8"		1065		
5 1/2"		20.0		16,685'		7 7/8"		1710		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2 7/8"	8,441		8,426	
26. Perforation record (interval, size, and number) 9,327 - 16,552 4spf, 936 Total Shots 36 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9,327 - 16,552		304,897 bbl fluid + 14,391,280 lbs proppant		
28. PRODUCTION										
Date First Production 6/19/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/22/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1754	Gas - MCF 2552	Water - Bbl. 3526	Gas - Oil Ratio 1455			
Flow Tubing Press. 644	Casing Pressure 618	Calculated 24-Hour Rate	Oil - Bbl. 1754	Gas - MCF 2552	Water - Bbl. 3526	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>			Printed Name Cassie Evans		Title Regulatory Analyst			Date 08/26/2021		
E-mail Address cassie.evans@exxonmobil.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 425'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3027'	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 3229'	T. Morrison	
T. Drinkard	T. Bone Springs 6930'	T. Todilto	
T. Abo	T. Rustler 82'	T. Entrada	
T. Wolfcamp	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

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 43184

ACKNOWLEDGMENTS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 43184
	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 43184

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 43184
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/24/2021