

Submit a Copy To Appropriate District
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. 30-015-48104
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 Road, Bldg 5 Midland, Texas 79707		7. Lease Name or Unit Agreement Name Game Rooster 6 31 State Com
4. Well Location Unit Letter <u>P</u> : <u>205</u> feet from the <u>South</u> line and <u>1091</u> feet from the <u>East</u> line Section <u>6</u> Township <u>25S</u> Range <u>29E</u> NMPM County <u>Eddy</u>		8. Well Number 807H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2911' GL		9. OGRID Number 005380
		10. Pool name or Wildcat Willow Lake; Bone Spring, Southeast

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

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

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 requests to change the following for the above referenced well:

FTP: Change from 100'FSL & 990'FEL to 100'FSL & 840'FEL
 LTP: Change from 2540'FSL & 990'FEL to 2540'FSL & 840'FEL
 BHL: Change from 2590'FSL & 990'FEL to 2590'FSL & 840'FEL

Updated C-102 and directional survey are attached

Spud Date:

Rig Release Date:

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

SIGNATURE Stephanie Rabadue TITLE Supervisor, Regulatory DATE 04/09/2021

Type or print name Stephanie Rabadue E-mail address: stephanie.rabadue@exxonmobil.com PHONE: 432-620-6714

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

¹ API Number 30-015-	² Pool Code 962 17	³ Pool Name Willow Lake; Bone Spring, Southeast
⁴ Property Code 330 295	⁵ Property Name GAME ROOSTER 6-31 STATE	⁶ Well Number 807H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 2,911'

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
P	6	25 S	29 E		205	SOUTH	1,091	EAST	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
I	31	24 S	29 E		2,590	SOUTH	840	EAST	EDDY

¹² Dedicated Acres 239.47	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14078
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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.

¹⁶ LOT ACREAGE TABLE SECTION 6, T25S, R29E LOT 1 - 39.47 ACRES LOT 2 - 39.62 ACRES	SHL (NAD83 NME) Y = 419,381.8 X = 638,699.3 LAT. = 32.152568 °N LONG. = 104.018730 °W FTP (NAD83 NME) Y = 419,281.7 X = 638,949.8 LAT. = 32.152291 °N LONG. = 104.017921 °W CORNER COORDINATES (NAD83 NME) A - Y = 427,115.9 N , X = 638,469.5 E B - Y = 424,446.9 N , X = 638,492.1 E C - Y = 421,819.4 N , X = 638,476.9 E D - Y = 419,172.9 N , X = 638,461.7 E E - Y = 427,122.0 N , X = 639,794.6 E F - Y = 424,456.0 N , X = 639,821.1 E G - Y = 421,836.3 N , X = 639,805.3 E H - Y = 419,196.8 N , X = 639,789.3 E SHL (NAD27 NME) Y = 419,323.1 X = 597,515.5 LAT. = 32.152444 °N LONG. = 104.018240 °W FTP (NAD27 NME) Y = 419,223.0 X = 597,766.0 LAT. = 32.152167 °N LONG. = 104.017432 °W CORNER COORDINATES (NAD27 NME) A - Y = 427,057.0 N , X = 597,285.9 E B - Y = 424,388.1 N , X = 597,308.4 E C - Y = 421,760.7 N , X = 597,293.2 E D - Y = 419,114.3 N , X = 597,277.9 E E - Y = 427,063.2 N , X = 598,611.0 E F - Y = 424,397.2 N , X = 598,637.4 E G - Y = 421,777.6 N , X = 598,621.5 E H - Y = 419,138.1 N , X = 598,605.5 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. <i>Stephanie Rabadue</i> 04/09/2021 Signature Date Stephanie Rabadue Printed Name stephanie.rabadue@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. 3-11-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number JC 2020121633
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XTO Energy

Eddy County, NM (NAD-27)

Game Rooster State

#807H

Wellbore #1

Plan: PERMIT v3

Standard Planning Report

10 April, 2021



Project: Eddy County, NM (NAD-27)
Site: Game Rooster State
Well: #807H
Wellbore: Wellbore #1
Design: PERMIT v3

PROJECT DETAILS: Eddy County, NM (NAD-27)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
Game Rooster 807H: SHL (205' FSL & 1091' FEL)	0.00	0.00	0.00	419323.10	597515.50	32.1524437	-104.0182401	Point
Game Rooster 807H: PBHL (2590' FSL & 840' FEL)	8910.46	7658.20	256.30	426981.30	597771.80	32.1734939	-104.0173381	Point
Game Rooster 807H: LTP	8910.54	7608.20	256.80	426931.30	597772.30	32.1733564	-104.0173381	Point
Game Rooster 807H: FTP/ LP	8924.00	-100.10	250.50	419223.00	597766.00	32.1521665	-104.0174316	Point

WELL DETAILS: #807H

Rig Name:
RKB = 33' @ 2944.00usft
Ground Level: 2911.00

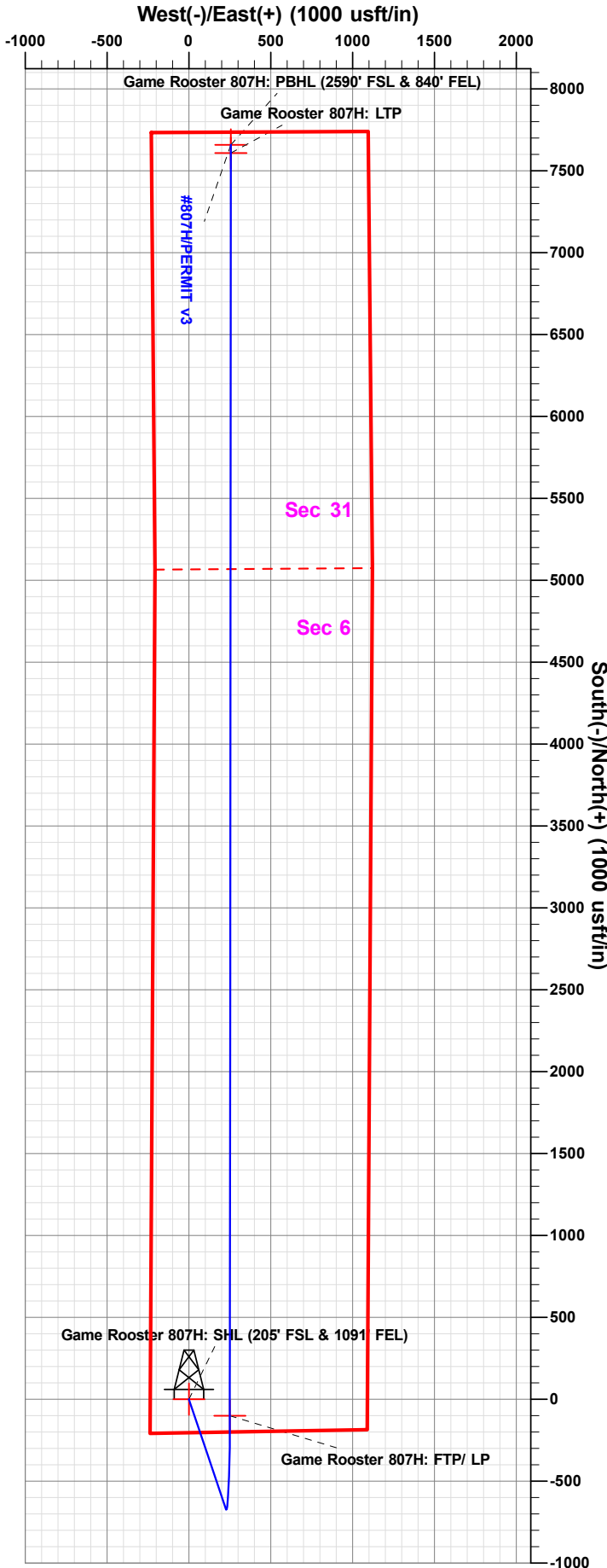
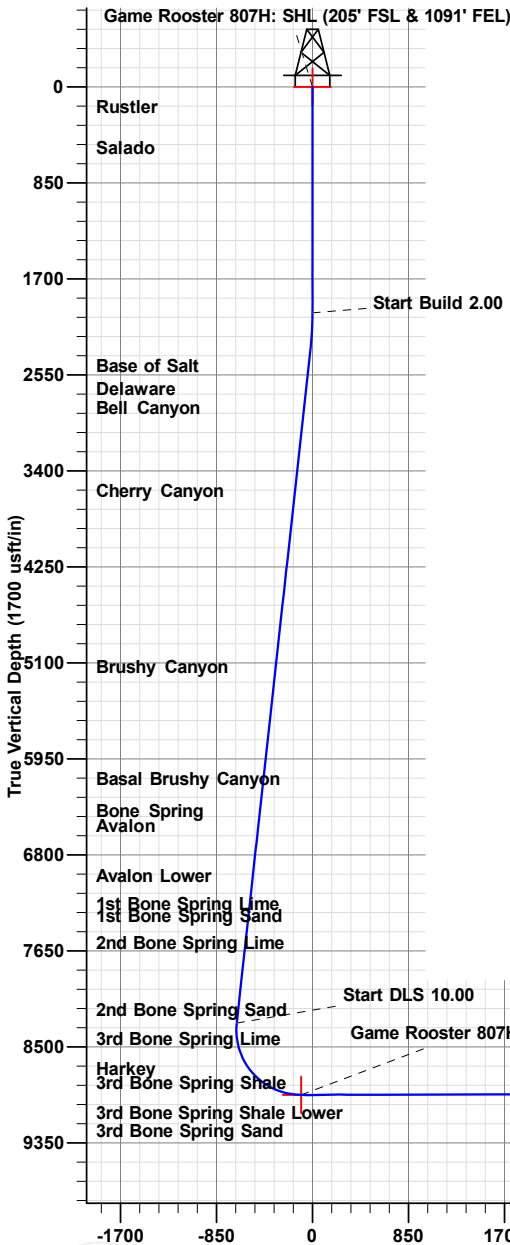
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	419323.10	597515.50	32.1524437	-104.0182401

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00
3	2329.66	6.59	161.34	2328.94	-17.95	6.06	2.00	161.34	-17.95
4	8329.58	6.59	161.34	8289.17	-670.64	226.50	0.00	0.00	-670.48
5	9293.01	90.10	0.04	8924.00	-100.10	250.50	10.00	-161.18	-99.93
6	17001.33	90.10	0.04	8910.55	7608.20	256.26	0.00	0.00	7608.38
7	17051.33	90.10	0.04	8910.46	7658.20	256.30	0.00	0.00	7658.38

FORMATION TOP DETAILS

TVDPath	Formation
269.00	Rustler
630.00	Salado
2559.00	Base of Salt
2759.00	Delaware
2786.00	Bell Canyon
3667.00	Cherry Canyon
5223.00	Brushy Canyon
6214.00	Basal Brushy Canyon
6500.00	Bone Spring
6629.00	Avalon
7077.00	Avalon Lower
7370.00	1st Bone Spring Lime
7432.00	1st Bone Spring Sand
7663.00	2nd Bone Spring Lime
8259.00	2nd Bone Spring Sand
8516.00	3rd Bone Spring Lime
8867.00	Harkey
8911.00	3rd Bone Spring Shale
8924.00	LP



Vertical Section at 0.04° (1700 usft/in)

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Plan: PERMIT v3 (#807H/Wellbore #1)

Created By: Matthew May Date: 12:33, April 10 2021



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Project	Eddy County, NM (NAD-27)		
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		Game Rooster State			
Site Position:		Northing:	419,323.10 usft	Latitude:	32.1524437
From:	Map	Easting:	597,515.50 usft	Longitude:	-104.0182401
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.17

Well	#807H					
Well Position	+N/-S	0.00 usft	Northing:	419,323.10 usft	Latitude:	32.1524437
	+E/-W	0.00 usft	Easting:	597,515.50 usft	Longitude:	-104.0182401
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	2,911.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	04/10/21	6.77	59.77	47,428

Design	PERMIT v3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	0.04

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,329.66	6.59	161.34	2,328.94	-17.95	6.06	2.00	2.00	0.00	161.34	
8,329.58	6.59	161.34	8,289.17	-670.64	226.50	0.00	0.00	0.00	0.00	
9,293.01	90.10	0.04	8,924.00	-100.10	250.50	10.00	8.67	-16.74	-161.18	Game Rooster 807I
17,001.33	90.10	0.04	8,910.55	7,608.20	256.26	0.00	0.00	0.00	0.00	Game Rooster 807I
17,051.33	90.10	0.04	8,910.46	7,658.20	256.30	0.00	0.00	0.00	0.00	Game Rooster 807I



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Planned 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
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	2.00	161.34	2,099.98	-1.65	0.56	-1.65	2.00	2.00	0.00
2,200.00	4.00	161.34	2,199.84	-6.61	2.23	-6.61	2.00	2.00	0.00
2,300.00	6.00	161.34	2,299.45	-14.87	5.02	-14.86	2.00	2.00	0.00
2,329.66	6.59	161.34	2,328.94	-17.95	6.06	-17.95	2.00	2.00	0.00
2,400.00	6.59	161.34	2,398.81	-25.60	8.65	-25.60	0.00	0.00	0.00
2,500.00	6.59	161.34	2,498.15	-36.48	12.32	-36.47	0.00	0.00	0.00
2,600.00	6.59	161.34	2,597.49	-47.36	15.99	-47.35	0.00	0.00	0.00
2,700.00	6.59	161.34	2,696.82	-58.24	19.67	-58.22	0.00	0.00	0.00
2,800.00	6.59	161.34	2,796.16	-69.12	23.34	-69.10	0.00	0.00	0.00
2,900.00	6.59	161.34	2,895.50	-79.99	27.02	-79.97	0.00	0.00	0.00
3,000.00	6.59	161.34	2,994.84	-90.87	30.69	-90.85	0.00	0.00	0.00
3,100.00	6.59	161.34	3,094.18	-101.75	34.37	-101.73	0.00	0.00	0.00
3,200.00	6.59	161.34	3,193.52	-112.63	38.04	-112.60	0.00	0.00	0.00
3,300.00	6.59	161.34	3,292.86	-123.51	41.71	-123.48	0.00	0.00	0.00
3,400.00	6.59	161.34	3,392.19	-134.39	45.39	-134.35	0.00	0.00	0.00
3,500.00	6.59	161.34	3,491.53	-145.26	49.06	-145.23	0.00	0.00	0.00
3,600.00	6.59	161.34	3,590.87	-156.14	52.74	-156.11	0.00	0.00	0.00
3,700.00	6.59	161.34	3,690.21	-167.02	56.41	-166.98	0.00	0.00	0.00
3,800.00	6.59	161.34	3,789.55	-177.90	60.08	-177.86	0.00	0.00	0.00
3,900.00	6.59	161.34	3,888.89	-188.78	63.76	-188.73	0.00	0.00	0.00
4,000.00	6.59	161.34	3,988.23	-199.66	67.43	-199.61	0.00	0.00	0.00
4,100.00	6.59	161.34	4,087.56	-210.53	71.11	-210.48	0.00	0.00	0.00
4,200.00	6.59	161.34	4,186.90	-221.41	74.78	-221.36	0.00	0.00	0.00
4,300.00	6.59	161.34	4,286.24	-232.29	78.45	-232.24	0.00	0.00	0.00
4,400.00	6.59	161.34	4,385.58	-243.17	82.13	-243.11	0.00	0.00	0.00
4,500.00	6.59	161.34	4,484.92	-254.05	85.80	-253.99	0.00	0.00	0.00
4,600.00	6.59	161.34	4,584.26	-264.93	89.48	-264.86	0.00	0.00	0.00
4,700.00	6.59	161.34	4,683.60	-275.80	93.15	-275.74	0.00	0.00	0.00
4,800.00	6.59	161.34	4,782.93	-286.68	96.82	-286.61	0.00	0.00	0.00
4,900.00	6.59	161.34	4,882.27	-297.56	100.50	-297.49	0.00	0.00	0.00
5,000.00	6.59	161.34	4,981.61	-308.44	104.17	-308.37	0.00	0.00	0.00
5,100.00	6.59	161.34	5,080.95	-319.32	107.85	-319.24	0.00	0.00	0.00
5,200.00	6.59	161.34	5,180.29	-330.20	111.52	-330.12	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Planned 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)
5,300.00	6.59	161.34	5,279.63	-341.07	115.19	-340.99	0.00	0.00	0.00
5,400.00	6.59	161.34	5,378.97	-351.95	118.87	-351.87	0.00	0.00	0.00
5,500.00	6.59	161.34	5,478.31	-362.83	122.54	-362.74	0.00	0.00	0.00
5,600.00	6.59	161.34	5,577.64	-373.71	126.22	-373.62	0.00	0.00	0.00
5,700.00	6.59	161.34	5,676.98	-384.59	129.89	-384.50	0.00	0.00	0.00
5,800.00	6.59	161.34	5,776.32	-395.47	133.56	-395.37	0.00	0.00	0.00
5,900.00	6.59	161.34	5,875.66	-406.34	137.24	-406.25	0.00	0.00	0.00
6,000.00	6.59	161.34	5,975.00	-417.22	140.91	-417.12	0.00	0.00	0.00
6,100.00	6.59	161.34	6,074.34	-428.10	144.59	-428.00	0.00	0.00	0.00
6,200.00	6.59	161.34	6,173.68	-438.98	148.26	-438.87	0.00	0.00	0.00
6,300.00	6.59	161.34	6,273.01	-449.86	151.93	-449.75	0.00	0.00	0.00
6,400.00	6.59	161.34	6,372.35	-460.74	155.61	-460.63	0.00	0.00	0.00
6,500.00	6.59	161.34	6,471.69	-471.61	159.28	-471.50	0.00	0.00	0.00
6,600.00	6.59	161.34	6,571.03	-482.49	162.96	-482.38	0.00	0.00	0.00
6,700.00	6.59	161.34	6,670.37	-493.37	166.63	-493.25	0.00	0.00	0.00
6,800.00	6.59	161.34	6,769.71	-504.25	170.30	-504.13	0.00	0.00	0.00
6,900.00	6.59	161.34	6,869.05	-515.13	173.98	-515.01	0.00	0.00	0.00
7,000.00	6.59	161.34	6,968.38	-526.01	177.65	-525.88	0.00	0.00	0.00
7,100.00	6.59	161.34	7,067.72	-536.88	181.33	-536.76	0.00	0.00	0.00
7,200.00	6.59	161.34	7,167.06	-547.76	185.00	-547.63	0.00	0.00	0.00
7,300.00	6.59	161.34	7,266.40	-558.64	188.67	-558.51	0.00	0.00	0.00
7,400.00	6.59	161.34	7,365.74	-569.52	192.35	-569.38	0.00	0.00	0.00
7,500.00	6.59	161.34	7,465.08	-580.40	196.02	-580.26	0.00	0.00	0.00
7,600.00	6.59	161.34	7,564.42	-591.28	199.70	-591.14	0.00	0.00	0.00
7,700.00	6.59	161.34	7,663.76	-602.15	203.37	-602.01	0.00	0.00	0.00
7,800.00	6.59	161.34	7,763.09	-613.03	207.04	-612.89	0.00	0.00	0.00
7,900.00	6.59	161.34	7,862.43	-623.91	210.72	-623.76	0.00	0.00	0.00
8,000.00	6.59	161.34	7,961.77	-634.79	214.39	-634.64	0.00	0.00	0.00
8,100.00	6.59	161.34	8,061.11	-645.67	218.07	-645.51	0.00	0.00	0.00
8,200.00	6.59	161.34	8,160.45	-656.55	221.74	-656.39	0.00	0.00	0.00
8,300.00	6.59	161.34	8,259.79	-667.42	225.41	-667.27	0.00	0.00	0.00
8,329.58	6.59	161.34	8,289.17	-670.64	226.50	-670.48	0.00	0.00	0.00
8,350.00	4.71	153.28	8,309.49	-672.50	227.25	-672.34	10.00	-9.24	-39.45
8,400.00	2.27	69.42	8,359.42	-673.99	229.10	-673.83	10.00	-4.88	-167.72
8,450.00	6.17	20.09	8,409.29	-671.11	230.95	-670.95	10.00	7.81	-98.67
8,500.00	11.00	11.04	8,458.71	-663.90	232.79	-663.74	10.00	9.66	-18.10
8,550.00	15.94	7.51	8,507.32	-652.40	234.60	-652.24	10.00	9.87	-7.06
8,600.00	20.90	5.62	8,554.75	-636.71	236.37	-636.54	10.00	9.93	-3.78
8,650.00	25.88	4.43	8,600.62	-616.94	238.09	-616.77	10.00	9.96	-2.38
8,700.00	30.86	3.60	8,644.60	-593.25	239.74	-593.08	10.00	9.97	-1.65
8,750.00	35.85	2.99	8,686.35	-565.81	241.31	-565.64	10.00	9.98	-1.23
8,800.00	40.84	2.50	8,725.55	-534.83	242.79	-534.66	10.00	9.98	-0.97
8,850.00	45.84	2.11	8,761.91	-500.55	244.17	-500.38	10.00	9.99	-0.79
8,900.00	50.83	1.78	8,795.14	-463.23	245.43	-463.06	10.00	9.99	-0.67
8,950.00	55.83	1.49	8,824.99	-423.16	246.57	-422.98	10.00	9.99	-0.58
9,000.00	60.82	1.23	8,851.24	-380.63	247.57	-380.46	10.00	9.99	-0.51
9,050.00	65.82	1.00	8,873.68	-335.98	248.44	-335.80	10.00	9.99	-0.46
9,100.00	70.81	0.79	8,892.15	-289.54	249.17	-289.36	10.00	9.99	-0.43
9,150.00	75.81	0.58	8,906.50	-241.66	249.74	-241.49	10.00	9.99	-0.40
9,200.00	80.81	0.39	8,916.63	-192.72	250.15	-192.54	10.00	9.99	-0.39
9,250.00	85.80	0.20	8,922.46	-143.07	250.41	-142.90	10.00	9.99	-0.38
9,293.01	90.10	0.04	8,924.00	-100.10	250.50	-99.93	10.00	9.99	-0.37
9,300.00	90.10	0.04	8,923.99	-93.11	250.51	-92.94	0.00	0.00	0.00
9,400.00	90.10	0.04	8,923.81	6.89	250.58	7.06	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Planned 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)
9,500.00	90.10	0.04	8,923.64	106.89	250.65	107.06	0.00	0.00	0.00
9,600.00	90.10	0.04	8,923.46	206.89	250.73	207.06	0.00	0.00	0.00
9,700.00	90.10	0.04	8,923.29	306.89	250.80	307.06	0.00	0.00	0.00
9,800.00	90.10	0.04	8,923.12	406.89	250.88	407.06	0.00	0.00	0.00
9,900.00	90.10	0.04	8,922.94	506.89	250.95	507.06	0.00	0.00	0.00
10,000.00	90.10	0.04	8,922.77	606.89	251.03	607.06	0.00	0.00	0.00
10,100.00	90.10	0.04	8,922.59	706.89	251.10	707.06	0.00	0.00	0.00
10,200.00	90.10	0.04	8,922.42	806.89	251.18	807.06	0.00	0.00	0.00
10,300.00	90.10	0.04	8,922.24	906.89	251.25	907.06	0.00	0.00	0.00
10,400.00	90.10	0.04	8,922.07	1,006.89	251.33	1,007.06	0.00	0.00	0.00
10,500.00	90.10	0.04	8,921.89	1,106.89	251.40	1,107.06	0.00	0.00	0.00
10,600.00	90.10	0.04	8,921.72	1,206.89	251.48	1,207.06	0.00	0.00	0.00
10,700.00	90.10	0.04	8,921.54	1,306.89	251.55	1,307.06	0.00	0.00	0.00
10,800.00	90.10	0.04	8,921.37	1,406.89	251.63	1,407.06	0.00	0.00	0.00
10,900.00	90.10	0.04	8,921.20	1,506.89	251.70	1,507.06	0.00	0.00	0.00
11,000.00	90.10	0.04	8,921.02	1,606.88	251.78	1,607.06	0.00	0.00	0.00
11,100.00	90.10	0.04	8,920.85	1,706.88	251.85	1,707.06	0.00	0.00	0.00
11,200.00	90.10	0.04	8,920.67	1,806.88	251.93	1,807.06	0.00	0.00	0.00
11,300.00	90.10	0.04	8,920.50	1,906.88	252.00	1,907.06	0.00	0.00	0.00
11,400.00	90.10	0.04	8,920.32	2,006.88	252.07	2,007.06	0.00	0.00	0.00
11,500.00	90.10	0.04	8,920.15	2,106.88	252.15	2,107.06	0.00	0.00	0.00
11,600.00	90.10	0.04	8,919.97	2,206.88	252.22	2,207.06	0.00	0.00	0.00
11,700.00	90.10	0.04	8,919.80	2,306.88	252.30	2,307.06	0.00	0.00	0.00
11,800.00	90.10	0.04	8,919.62	2,406.88	252.37	2,407.06	0.00	0.00	0.00
11,900.00	90.10	0.04	8,919.45	2,506.88	252.45	2,507.06	0.00	0.00	0.00
12,000.00	90.10	0.04	8,919.28	2,606.88	252.52	2,607.06	0.00	0.00	0.00
12,100.00	90.10	0.04	8,919.10	2,706.88	252.60	2,707.06	0.00	0.00	0.00
12,200.00	90.10	0.04	8,918.93	2,806.88	252.67	2,807.06	0.00	0.00	0.00
12,300.00	90.10	0.04	8,918.75	2,906.88	252.75	2,907.06	0.00	0.00	0.00
12,400.00	90.10	0.04	8,918.58	3,006.88	252.82	3,007.06	0.00	0.00	0.00
12,500.00	90.10	0.04	8,918.40	3,106.88	252.90	3,107.06	0.00	0.00	0.00
12,600.00	90.10	0.04	8,918.23	3,206.88	252.97	3,207.06	0.00	0.00	0.00
12,700.00	90.10	0.04	8,918.05	3,306.88	253.05	3,307.06	0.00	0.00	0.00
12,800.00	90.10	0.04	8,917.88	3,406.88	253.12	3,407.06	0.00	0.00	0.00
12,900.00	90.10	0.04	8,917.70	3,506.88	253.20	3,507.06	0.00	0.00	0.00
13,000.00	90.10	0.04	8,917.53	3,606.88	253.27	3,607.06	0.00	0.00	0.00
13,100.00	90.10	0.04	8,917.36	3,706.88	253.35	3,707.06	0.00	0.00	0.00
13,200.00	90.10	0.04	8,917.18	3,806.88	253.42	3,807.06	0.00	0.00	0.00
13,300.00	90.10	0.04	8,917.01	3,906.88	253.49	3,907.06	0.00	0.00	0.00
13,400.00	90.10	0.04	8,916.83	4,006.88	253.57	4,007.06	0.00	0.00	0.00
13,500.00	90.10	0.04	8,916.66	4,106.88	253.64	4,107.06	0.00	0.00	0.00
13,600.00	90.10	0.04	8,916.48	4,206.88	253.72	4,207.06	0.00	0.00	0.00
13,700.00	90.10	0.04	8,916.31	4,306.88	253.79	4,307.06	0.00	0.00	0.00
13,800.00	90.10	0.04	8,916.13	4,406.88	253.87	4,407.06	0.00	0.00	0.00
13,900.00	90.10	0.04	8,915.96	4,506.88	253.94	4,507.06	0.00	0.00	0.00
14,000.00	90.10	0.04	8,915.78	4,606.88	254.02	4,607.06	0.00	0.00	0.00
14,100.00	90.10	0.04	8,915.61	4,706.88	254.09	4,707.06	0.00	0.00	0.00
14,200.00	90.10	0.04	8,915.44	4,806.88	254.17	4,807.06	0.00	0.00	0.00
14,300.00	90.10	0.04	8,915.26	4,906.88	254.24	4,907.06	0.00	0.00	0.00
14,400.00	90.10	0.04	8,915.09	5,006.88	254.32	5,007.06	0.00	0.00	0.00
14,500.00	90.10	0.04	8,914.91	5,106.88	254.39	5,107.06	0.00	0.00	0.00
14,600.00	90.10	0.04	8,914.74	5,206.88	254.47	5,207.05	0.00	0.00	0.00
14,700.00	90.10	0.04	8,914.56	5,306.88	254.54	5,307.05	0.00	0.00	0.00
14,800.00	90.10	0.04	8,914.39	5,406.88	254.62	5,407.05	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Planned 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)	
14,900.00	90.10	0.04	8,914.21	5,506.88	254.69	5,507.05	0.00	0.00	0.00	
15,000.00	90.10	0.04	8,914.04	5,606.88	254.77	5,607.05	0.00	0.00	0.00	
15,100.00	90.10	0.04	8,913.87	5,706.88	254.84	5,707.05	0.00	0.00	0.00	
15,200.00	90.10	0.04	8,913.69	5,806.88	254.92	5,807.05	0.00	0.00	0.00	
15,300.00	90.10	0.04	8,913.52	5,906.88	254.99	5,907.05	0.00	0.00	0.00	
15,400.00	90.10	0.04	8,913.34	6,006.88	255.06	6,007.05	0.00	0.00	0.00	
15,500.00	90.10	0.04	8,913.17	6,106.88	255.14	6,107.05	0.00	0.00	0.00	
15,600.00	90.10	0.04	8,912.99	6,206.88	255.21	6,207.05	0.00	0.00	0.00	
15,700.00	90.10	0.04	8,912.82	6,306.88	255.29	6,307.05	0.00	0.00	0.00	
15,800.00	90.10	0.04	8,912.64	6,406.88	255.36	6,407.05	0.00	0.00	0.00	
15,900.00	90.10	0.04	8,912.47	6,506.88	255.44	6,507.05	0.00	0.00	0.00	
16,000.00	90.10	0.04	8,912.29	6,606.88	255.51	6,607.05	0.00	0.00	0.00	
16,100.00	90.10	0.04	8,912.12	6,706.88	255.59	6,707.05	0.00	0.00	0.00	
16,200.00	90.10	0.04	8,911.95	6,806.88	255.66	6,807.05	0.00	0.00	0.00	
16,300.00	90.10	0.04	8,911.77	6,906.88	255.74	6,907.05	0.00	0.00	0.00	
16,400.00	90.10	0.04	8,911.60	7,006.88	255.81	7,007.05	0.00	0.00	0.00	
16,500.00	90.10	0.04	8,911.42	7,106.88	255.89	7,107.05	0.00	0.00	0.00	
16,600.00	90.10	0.04	8,911.25	7,206.87	255.96	7,207.05	0.00	0.00	0.00	
16,700.00	90.10	0.04	8,911.07	7,306.87	256.04	7,307.05	0.00	0.00	0.00	
16,800.00	90.10	0.04	8,910.90	7,406.87	256.11	7,407.05	0.00	0.00	0.00	
16,900.00	90.10	0.04	8,910.72	7,506.87	256.19	7,507.05	0.00	0.00	0.00	
17,001.33	90.10	0.04	8,910.55	7,608.20	256.26	7,608.38	0.00	0.00	0.00	
17,051.33	90.10	0.04	8,910.46	7,658.20	256.30	7,658.38	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
Game Rooster 807H:	0.00	0.00	0.00	0.00	0.00	419,323.10	597,515.50	32.1524437	-104.0182401	
- plan hits target center										
- Point										
Game Rooster 807H:	0.00	0.00	8,910.46	7,658.20	256.30	426,981.30	597,771.80	32.1734939	-104.0173393	
- plan hits target center										
- Point										
Game Rooster 807H:	0.00	0.00	8,910.54	7,608.20	256.80	426,931.30	597,772.30	32.1733565	-104.0173381	
- plan misses target center by 0.54usft at 17001.33usft MD (8910.55 TVD, 7608.20 N, 256.26 E)										
- Point										
Game Rooster 807H:	0.00	0.00	8,924.00	-100.10	250.50	419,223.00	597,766.00	32.1521666	-104.0174316	
- plan hits target center										
- Point										



Planning Report

Database:	EDM 5000.1.13 Single User Db	Local Co-ordinate Reference:	Well #807H
Company:	XTO Energy	TVD Reference:	RKB = 33' @ 2944.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 33' @ 2944.00usft
Site:	Game Rooster State	North Reference:	Grid
Well:	#807H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	PERMIT v3		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
269.00	269.00	Rustler			
630.00	630.00	Salado			
2,561.26	2,559.00	Base of Salt			
2,762.59	2,759.00	Delaware			
2,789.77	2,786.00	Bell Canyon			
3,676.64	3,667.00	Cherry Canyon			
5,243.00	5,223.00	Brushy Canyon			
6,240.59	6,214.00	Basal Brushy Canyon			
6,528.50	6,500.00	Bone Spring			
6,658.36	6,629.00	Avalon			
7,109.34	7,077.00	Avalon Lower			
7,404.29	7,370.00	1st Bone Spring Lime			
7,466.70	7,432.00	1st Bone Spring Sand			
7,699.24	7,663.00	2nd Bone Spring Lime			
8,299.21	8,259.00	2nd Bone Spring Sand			
8,559.04	8,516.00	3rd Bone Spring Lime			
9,034.18	8,867.00	Harkey			
9,169.68	8,911.00	3rd Bone Spring Shale			
9,293.01	8,924.00	LP			

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

COMMENTS

Action 23641

COMMENTS

Operator:	OGRID:	Action Number:	Action Type:
XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707	5380	23641	C-103A

Created By	Comment	Comment Date
kpickford	KP GEO Review 4/16/2021	04/16/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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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

CONDITIONS

Action 23641

CONDITIONS OF APPROVAL

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Building #5 Midland, TX79707		OGRID: 5380	Action Number: 23641	Action Type: C-103A
OCD Reviewer kpickford	Condition Adhere to previous NMOCD Conditions of Approval			