Submit 1 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

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

HOBBS OCD
OCT 18 2018
RECEIVED

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-45024	
5. Indicate Type of Lease STATE ☒ FEE ☐	✓
6. State Oil & Gas Lease No. STATE	
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.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name MIS AMIGOS STATE ✓
	8. Well Number 706H ✓
2. Name of Operator XTO ENERGY, INC	9. OGRID Number 5380
3. Address of Operator 6401 HOLIDAY HILL RD, BLDG 5, MIDLAND TX 79705	10. Pool name or Wildcat TRIPLE X; BONE SPRING, WEST
4. Well Location Unit Letter O : 330 feet from the SOUTH line and 1930 feet from the EAST line ✓ Section 31 Township 23S Range 33E NMPM County LEA	
[redacted]	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3655' GL

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

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

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 requests permission to make the following changes to the original APD:

1. Change SHL fr/330' FSL & 1930' FEL to 354' FSL & 1293' FEL.
2. Change BHL fr/200' FNL & 1350' FEL to 50' FNL & 1350' FEL.
3. Revise Drilling Program

See Attached:
1. C102 & Supplement
2. Revised Drilling Program
3. Revised Directional Drill Plan
4. Revised Gas Capture Plan

Denied
By Paul Kautz
Paul.Kautz@state.nm.us
575-393-6161 EXT 104
See attached e-mail

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 Kelly Kardos TITLE Regulatory Coordinator DATE: 10/16/18

Type or print name Kelly Kardos E-mail address: kelly_kardos@xtoenergy.com PHONE: 432-620-4374

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

HOBBS OCD
OCT 18 2018
RECEIVED

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	[2] Pool Code	[3] Pool Name
30-025-45024	96674	TRIPLE X BONE SPRING; WEST

[4] Property Code	[5] Property Name	[6] Well Number
39241	MIS AMIGOS STATE	706H

[7] OGRID No.	[8] Operator Name	[9] Elevation
005380	XTO ENERGY, INC.	3,657'

Revised

[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	31	23 S	33 E		354	SOUTH	1,293	EAST	LEA

[11] Bottom Hole Location If Different From Surface

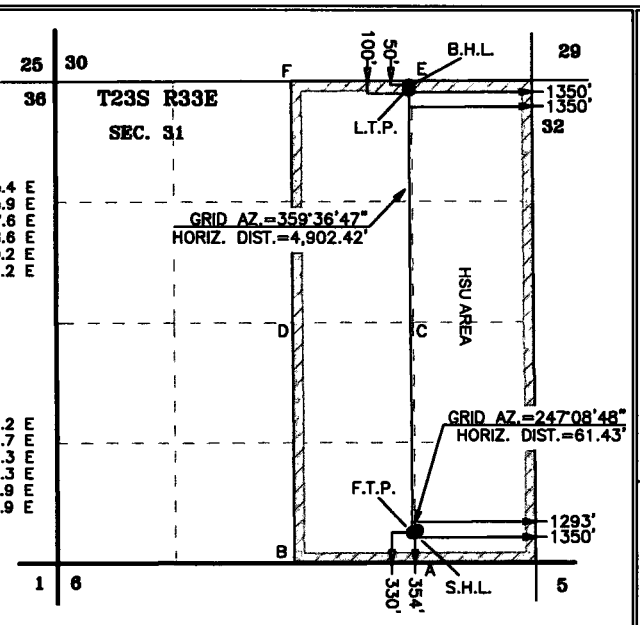
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	31	23 S	33 E		50	NORTH	1,350	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

Denied

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]



CORNER COORDINATES TABLE
NAD 27 NME
A - Y= 456,826.9 N, X= 724,635.4 E
B - Y= 456,820.2 N, X= 723,315.9 E
C - Y= 459,467.2 N, X= 724,617.6 E
D - Y= 459,460.7 N, X= 723,298.6 E
E - Y= 462,109.1 N, X= 724,600.2 E
F - Y= 462,102.8 N, X= 723,281.2 E

CORNER COORDINATES TABLE
NAD 83 NME
A - Y= 456,885.6 N, X= 765,819.2 E
B - Y= 456,878.9 N, X= 764,499.7 E
C - Y= 459,526.0 N, X= 765,801.3 E
D - Y= 459,519.5 N, X= 764,482.3 E
E - Y= 462,167.9 N, X= 765,783.9 E
F - Y= 462,161.6 N, X= 764,464.9 E

GEODETIC COORDINATES
NAD 83 NME
SURFACE LOCATION
Y= 457,239.3
X= 765,842.9
LAT.= 32.254939°N
LONG.= 103.607086°W

FIRST TAKE POINT
NAD 83 NME
Y= 457,215.4
X= 765,786.3
LAT.= 32.254874°N
LONG.= 103.607270°W

LAST TAKE POINT
NAD 83 NME
Y= 462,067.7
X= 765,753.5
LAT.= 32.268212°N
LONG.= 103.607270°W

BOTTOM HOLE LOCATION
NAD 83 NME
Y= 462,117.7
X= 765,753.2
LAT.= 32.268349°N
LONG.= 103.607270°W

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y= 457,180.6
X= 724,659.1
LAT.= 32.254816°N
LONG.= 103.606606°W

FIRST TAKE POINT
NAD 27 NME
Y= 457,156.7
X= 724,602.5
LAT.= 32.254751°N
LONG.= 103.606789°W

LAST TAKE POINT
NAD 27 NME
Y= 462,008.9
X= 724,569.8
LAT.= 32.268089°N
LONG.= 103.606789°W

BOTTOM HOLE LOCATION
NAD 27 NME
Y= 462,058.9
X= 724,569.5
LAT.= 32.268227°N
LONG.= 103.606788°W

[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.

Kelly Kardos 10/15/18
Signature Date

Kelly Kardos
Printed Name

kelly_kardos@xtoenergy.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.

10-8-2018
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number JC/AI 2018020573

Operator Name:	Property Name:	Well Number
XTO Energy, Inc.	Mis Amigos	706H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	31	23S	33E		354	South	1293	East	Lea

Latitude	Longitude	NAD
32.254939	-103.607086	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	31	23S	33E		330	South	1350	East	Lea

Latitude	Longitude	NAD
32.254874	-103.607270	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	31	23S	33E		330	North	1350	East	[redacted] Lea

Latitude	Longitude	NAD
32.268349	-103.607270	83

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

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 06/27/2018

NM STATE DRILLING PERMITTING

Mis Amigos 706H

KB 3675 | Deepest TVD 10832 | KOP 10235 | End of Curve 11185 | Measured depth 16087

Casing Type	Fluid Type	Mud Weight	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Lead Cement	Tail Cement	Total Sks Cement	TOC	
Surface	FW/Native	8.5 - 10.0	17.5	13.375	J-55 LTC	54.5	0	1250	743	289	1032	0	
Intermediate	Brine / OBM	9.0-10.3	12.25	9.625	J-55 LTC	40	0	5039	776	488	1264	1710	1st Stage
DV Tool								1710	394	17	411	0	2nd Stage
Production	FW/Cut Brine / OBM	9.0-10.5	8-3/4" to EOC	5.5	P110 BTC	17	0	16087	1138	1091	2229	4539	
	Cut Brine / OBM	9.3	8-1/2" to TD										

Max Expected Surface Pressure
2855

BOP
Cameron 5M Double Ram BOP
Test Pressure 5000

Total Vertical Section 4902

Contingencies

1. XTO Requests option to use OBM in intermediate hole section
2. Should losses be seen from 9-5/8" shoe to landing point, 4-string contingency may be utilized
3. XTO requests variance to have the option to batch drill this well. XTO will set Intermediate csg, ensure cement is circulated to surface and well is dead. With floats holding, and no flow on annulus, a TA cap will be installed as per GE recommendations. XTO will contact the state before skidding to the other well. Once all surface and intermediate are completed on the pad, XTO will begin drilling the production hole of each well.
4. DV Tool may be set in intermediate fr/ 1300' - 5000'
5. OBM may be used in production hole
6. If cmt is not circulated to surface on 5.5" casing, it will be brought at least 500' into Intermediate shoe
7. 8.5" lateral may be drilled if no issues in 8.75" hole

NM STATE DRILLING PERMITTING

Mis Amigos 706H

4-String contingency

KB 3675 Deepest TVD 10832 KOP 10235 End of Curve 11185 Measured depth 16087

Casing Type	Fluid Type	Mud Weight	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Lead Cement	Tail Cement	Total Sks Cement	TOC
Surface	FW/Native	8.5 - 10.0	17.5	13.375	J-55 LTC	54.5	0	1250	794	237	1031	0
1st Intermediate	Brine	9.0-10.3	12.25	9.625	J-55 LTC	40	0	5039	1298	120	1419	0
2nd Intermediate (Contingency*)	FW/Native/OBM	9.0-10.3	8.75	7	P110 BTC	26	0	11185	1255	53	1309	0
Production	FW/Cut Brine	9.0-10.5	6	4.5	P110 BTC	13.5	10235	16087	0	699	699	10685
	OBM	9.3	6									

Max Expected Surface Pressure
2855

BOP
Cameron 5M Double Ram BOP
Test Pressure 5000

Total Vertical Section 4902

Contingencies

1. Requesting Exception to not get cmt to surface if 7" production string is set. Cement will be brought 500' in Intermediate Shoe if not circulated to surface
2. Should losses be seen from 9-5/8" shoe to landing point, 4-string contingency may be utilized
3. 7" csg may be set between KOP and Landing Point
4. DV Tool may be set in intermediate fr/ 1300' - 5000'
5. 4.5" liner will be brought kick-off point or 300' above end of 7" (Whichever is higher)
6. OBM may be used 8-3/4" hole section
7. XTO requests variance to have the option to batch drill this well. XTO will set 9-5/8" csg, ensure cement is circulated to surface and well is dead. With floats holding, and no flow on annulus, a TA cap will be installed as per GE recommendations. XTO will contact the state before skidding to the other well. Once all surface and intermediate are completed on the pad, XTO will begin drilling the production hole of each well.

XTO Energy

Lea County, NM (NAD-27)
Mis Amigos
#706H

OH

Plan: PERMIT Rev2

Standard Planning Report

15 October, 2018

XTO ENERGY

Project: Lea County, NM (NAD-27)
Site: Mis Amigos
Well: #706H
Wellbore: OH
Design: PERMIT Rev2

PROJECT DETAILS: Lea 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

WELL DETAILS: #706H

Rig Name:
RKB = 25' @ 3682.00usft
Ground Level: 3657.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	457180.60	724659.10	32.254816	-103.606606

DESIGN TARGET DETAILS

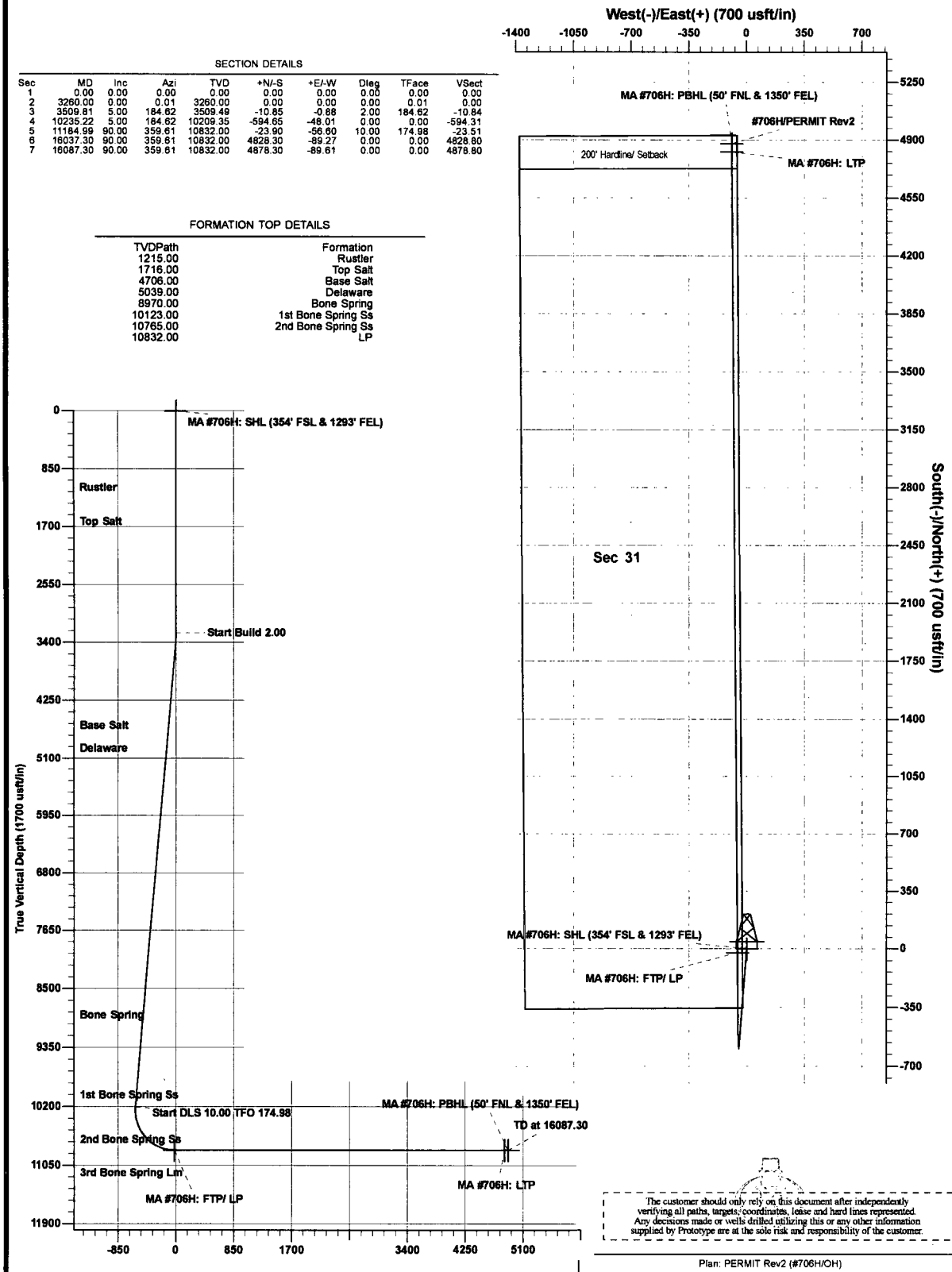
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
MA #706H: SHL (354' FSL & 1293' FEL)	0.00	0.00	0.00	457180.60	724659.10	32.254816	-103.606606	Point
MA #706H: FTP/ LP	10832.00	-23.90	-56.60	457156.70	724602.50	32.254751	-103.606789	Point
MA #706H: LTP	10832.00	4828.30	-89.30	462008.90	724569.80	32.268090	-103.606789	Point
MA #706H: PBHL (50' FNL & 1350' FEL)	10832.00	4878.30	-89.60	462058.90	724569.50	32.268227	-103.606789	Point

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	3260.00	0.00	0.01	3260.00	0.00	0.00	0.00	0.01	0.00
3	3509.81	5.00	184.62	3509.48	-10.85	-0.88	2.00	184.62	-10.84
4	10235.22	5.00	184.62	10209.35	-594.65	-48.01	0.00	0.00	-594.31
5	11184.99	90.00	359.61	10832.00	-23.90	-56.60	10.00	174.98	-23.51
6	16037.30	90.00	359.61	10832.00	4828.30	-89.27	0.00	0.00	4828.80
7	16087.30	90.00	359.61	10832.00	4878.30	-89.61	0.00	0.00	4878.80

FORMATION TOP DETAILS

TVDPath	Formation
1215.00	Rustler
1716.00	Top Salt
4706.00	Base Salt
5039.00	Delaware
8970.00	Bone Spring
10123.00	1st Bone Spring Ss
10765.00	2nd Bone Spring Ss
10832.00	LP



Vertical Section at .61° (1700 usft/in)

Plan: PERMIT Rev2 (#706H/OH)

Created By: Matthew May Date: 9:10, October 15 2018

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

Project	Lea 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	Mis Amigos				
Site Position:		**Northing:**	457,160.50 usft	**Latitude:**	32.254748
From:	Map	**Easting:**	725,352.60 usft	**Longitude:**	-103.604363
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.39 °

Well	#706H					
Well Position	**+N/-S**	20.10 usft	**Northing:**	457,180.60 usft	**Latitude:**	32.254816
	+E/-W	-693.50 usft	**Easting:**	724,659.10 usft	**Longitude:**	-103.606606
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	0.00 usft	**Ground Level:**	3,657.00 usft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2015	6/24/2018	6.86	60.07	47,846

Design	PERMIT Rev2				
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	359.61	

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	
3,260.00	0.00	0.01	3,260.00	0.00	0.00	0.00	0.00	0.00	0.01	
3,509.81	5.00	184.62	3,509.49	-10.85	-0.88	2.00	2.00	0.00	184.62	
10,235.22	5.00	184.62	10,209.35	-594.65	-48.01	0.00	0.00	0.00	0.00	
11,184.99	90.00	359.61	10,832.00	-23.90	-56.60	10.00	8.95	18.43	174.98	MA #706H: FTP/ LF
16,037.30	90.00	359.61	10,832.00	4,828.30	-89.27	0.00	0.00	0.00	0.00	MA #706H: LTP
16,087.30	90.00	359.61	10,832.00	4,878.30	-89.61	0.00	0.00	0.00	0.00	MA #706H: PBHL (

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

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
1,215.00	0.00	0.00	1,215.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
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
1,716.00	0.00	0.00	1,716.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt									
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	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,260.00	0.00	0.01	3,260.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.80	184.62	3,300.00	-0.28	-0.02	-0.28	2.00	2.00	0.00
3,400.00	2.80	184.62	3,399.94	-3.41	-0.28	-3.41	2.00	2.00	0.00
3,509.81	5.00	184.62	3,509.49	-10.85	-0.88	-10.84	2.00	2.00	0.00
3,600.00	5.00	184.62	3,599.34	-18.68	-1.51	-18.67	0.00	0.00	0.00
3,700.00	5.00	184.62	3,698.96	-27.36	-2.21	-27.34	0.00	0.00	0.00
3,800.00	5.00	184.62	3,798.58	-36.04	-2.91	-36.02	0.00	0.00	0.00
3,900.00	5.00	184.62	3,898.20	-44.72	-3.61	-44.69	0.00	0.00	0.00
4,000.00	5.00	184.62	3,997.82	-53.40	-4.31	-53.37	0.00	0.00	0.00
4,100.00	5.00	184.62	4,097.44	-62.08	-5.01	-62.05	0.00	0.00	0.00
4,200.00	5.00	184.62	4,197.06	-70.76	-5.71	-70.72	0.00	0.00	0.00
4,300.00	5.00	184.62	4,296.68	-79.44	-6.41	-79.40	0.00	0.00	0.00
4,400.00	5.00	184.62	4,396.30	-88.12	-7.11	-88.07	0.00	0.00	0.00
4,500.00	5.00	184.62	4,495.92	-96.80	-7.82	-96.75	0.00	0.00	0.00
4,600.00	5.00	184.62	4,595.54	-105.48	-8.52	-105.42	0.00	0.00	0.00
4,700.00	5.00	184.62	4,695.16	-114.16	-9.22	-114.10	0.00	0.00	0.00
4,710.88	5.00	184.62	4,706.00	-115.11	-9.29	-115.04	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

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)
Base Salt									
4,800.00	5.00	184.62	4,794.78	-122.85	-9.92	-122.77	0.00	0.00	0.00
4,900.00	5.00	184.62	4,894.40	-131.53	-10.62	-131.45	0.00	0.00	0.00
5,000.00	5.00	184.62	4,994.02	-140.21	-11.32	-140.13	0.00	0.00	0.00
5,045.15	5.00	184.62	5,039.00	-144.13	-11.64	-144.04	0.00	0.00	0.00
Delaware									
5,100.00	5.00	184.62	5,093.64	-148.89	-12.02	-148.80	0.00	0.00	0.00
5,200.00	5.00	184.62	5,193.26	-157.57	-12.72	-157.48	0.00	0.00	0.00
5,300.00	5.00	184.62	5,292.88	-166.25	-13.42	-166.15	0.00	0.00	0.00
5,400.00	5.00	184.62	5,392.50	-174.93	-14.12	-174.83	0.00	0.00	0.00
5,500.00	5.00	184.62	5,492.12	-183.61	-14.82	-183.50	0.00	0.00	0.00
5,600.00	5.00	184.62	5,591.74	-192.29	-15.53	-192.18	0.00	0.00	0.00
5,700.00	5.00	184.62	5,691.36	-200.97	-16.23	-200.86	0.00	0.00	0.00
5,800.00	5.00	184.62	5,790.98	-209.65	-16.93	-209.53	0.00	0.00	0.00
5,900.00	5.00	184.62	5,890.60	-218.33	-17.63	-218.21	0.00	0.00	0.00
6,000.00	5.00	184.62	5,990.22	-227.01	-18.33	-226.88	0.00	0.00	0.00
6,100.00	5.00	184.62	6,089.84	-235.69	-19.03	-235.56	0.00	0.00	0.00
6,200.00	5.00	184.62	6,189.46	-244.37	-19.73	-244.23	0.00	0.00	0.00
6,300.00	5.00	184.62	6,289.08	-253.05	-20.43	-252.91	0.00	0.00	0.00
6,400.00	5.00	184.62	6,388.70	-261.73	-21.13	-261.58	0.00	0.00	0.00
6,500.00	5.00	184.62	6,488.32	-270.41	-21.83	-270.26	0.00	0.00	0.00
6,600.00	5.00	184.62	6,587.94	-279.10	-22.53	-278.94	0.00	0.00	0.00
6,700.00	5.00	184.62	6,687.56	-287.78	-23.23	-287.61	0.00	0.00	0.00
6,800.00	5.00	184.62	6,787.18	-296.46	-23.94	-296.29	0.00	0.00	0.00
6,900.00	5.00	184.62	6,886.80	-305.14	-24.64	-304.96	0.00	0.00	0.00
7,000.00	5.00	184.62	6,986.42	-313.82	-25.34	-313.64	0.00	0.00	0.00
7,100.00	5.00	184.62	7,086.04	-322.50	-26.04	-322.31	0.00	0.00	0.00
7,200.00	5.00	184.62	7,185.66	-331.18	-26.74	-330.99	0.00	0.00	0.00
7,300.00	5.00	184.62	7,285.28	-339.86	-27.44	-339.66	0.00	0.00	0.00
7,400.00	5.00	184.62	7,384.90	-348.54	-28.14	-348.34	0.00	0.00	0.00
7,500.00	5.00	184.62	7,484.52	-357.22	-28.84	-357.02	0.00	0.00	0.00
7,600.00	5.00	184.62	7,584.14	-365.90	-29.54	-365.69	0.00	0.00	0.00
7,700.00	5.00	184.62	7,683.76	-374.58	-30.24	-374.37	0.00	0.00	0.00
7,800.00	5.00	184.62	7,783.38	-383.26	-30.94	-383.04	0.00	0.00	0.00
7,900.00	5.00	184.62	7,883.00	-391.94	-31.64	-391.72	0.00	0.00	0.00
8,000.00	5.00	184.62	7,982.62	-400.62	-32.35	-400.39	0.00	0.00	0.00
8,100.00	5.00	184.62	8,082.24	-409.30	-33.05	-409.07	0.00	0.00	0.00
8,200.00	5.00	184.62	8,181.86	-417.98	-33.75	-417.74	0.00	0.00	0.00
8,300.00	5.00	184.62	8,281.48	-426.66	-34.45	-426.42	0.00	0.00	0.00
8,400.00	5.00	184.62	8,381.10	-435.35	-35.15	-435.10	0.00	0.00	0.00
8,500.00	5.00	184.62	8,480.72	-444.03	-35.85	-443.77	0.00	0.00	0.00
8,600.00	5.00	184.62	8,580.34	-452.71	-36.55	-452.45	0.00	0.00	0.00
8,700.00	5.00	184.62	8,679.96	-461.39	-37.25	-461.12	0.00	0.00	0.00
8,800.00	5.00	184.62	8,779.58	-470.07	-37.95	-469.80	0.00	0.00	0.00
8,900.00	5.00	184.62	8,879.20	-478.75	-38.65	-478.47	0.00	0.00	0.00
8,991.14	5.00	184.62	8,970.00	-486.66	-39.29	-486.38	0.00	0.00	0.00
Bone Spring									
9,000.00	5.00	184.62	8,978.82	-487.43	-39.35	-487.15	0.00	0.00	0.00
9,100.00	5.00	184.62	9,078.44	-496.11	-40.05	-495.82	0.00	0.00	0.00
9,200.00	5.00	184.62	9,178.06	-504.79	-40.76	-504.50	0.00	0.00	0.00
9,300.00	5.00	184.62	9,277.68	-513.47	-41.46	-513.18	0.00	0.00	0.00
9,400.00	5.00	184.62	9,377.30	-522.15	-42.16	-521.85	0.00	0.00	0.00
9,500.00	5.00	184.62	9,476.92	-530.83	-42.86	-530.53	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

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)
9,600.00	5.00	184.62	9,576.54	-539.51	-43.56	-539.20	0.00	0.00	0.00
9,700.00	5.00	184.62	9,676.16	-548.19	-44.26	-547.88	0.00	0.00	0.00
9,800.00	5.00	184.62	9,775.78	-556.87	-44.96	-556.55	0.00	0.00	0.00
9,900.00	5.00	184.62	9,875.40	-565.55	-45.66	-565.23	0.00	0.00	0.00
10,000.00	5.00	184.62	9,975.03	-574.23	-46.36	-573.91	0.00	0.00	0.00
10,100.00	5.00	184.62	10,074.65	-582.91	-47.06	-582.58	0.00	0.00	0.00
10,148.54	5.00	184.62	10,123.00	-587.13	-47.40	-586.79	0.00	0.00	0.00
1st Bone Spring Ss									
10,200.00	5.00	184.62	10,174.27	-591.60	-47.76	-591.26	0.00	0.00	0.00
10,235.22	5.00	184.62	10,209.35	-594.65	-48.01	-594.31	0.00	0.00	0.00
10,250.00	3.53	186.72	10,224.09	-595.75	-48.12	-595.40	10.00	-9.95	14.23
10,300.00	1.56	343.39	10,274.07	-596.62	-48.49	-596.28	10.00	-3.93	313.35
10,350.00	6.52	355.79	10,323.93	-593.13	-48.89	-592.79	10.00	9.90	24.79
10,400.00	11.51	357.47	10,373.29	-585.32	-49.32	-584.97	10.00	9.99	3.36
10,450.00	16.51	358.14	10,421.79	-573.23	-49.77	-572.88	10.00	9.99	1.34
10,500.00	21.51	358.51	10,469.05	-556.96	-50.24	-556.60	10.00	10.00	0.73
10,550.00	26.50	358.74	10,514.71	-536.63	-50.73	-536.27	10.00	10.00	0.47
10,600.00	31.50	358.90	10,558.43	-512.40	-51.23	-512.04	10.00	10.00	0.33
10,650.00	36.50	359.02	10,599.86	-484.45	-51.73	-484.09	10.00	10.00	0.24
10,700.00	41.50	359.12	10,638.71	-452.99	-52.24	-452.63	10.00	10.00	0.19
10,750.00	46.50	359.20	10,674.66	-418.28	-52.75	-417.91	10.00	10.00	0.16
10,800.00	51.50	359.27	10,707.45	-380.55	-53.25	-380.18	10.00	10.00	0.13
10,850.00	56.50	359.33	10,736.83	-340.12	-53.75	-339.74	10.00	10.00	0.12
10,900.00	61.50	359.38	10,762.57	-297.27	-54.23	-296.90	10.00	10.00	0.10
10,905.13	62.01	359.38	10,765.00	-292.76	-54.28	-292.38	10.00	10.00	0.10
2nd Bone Spring Ss									
10,950.00	66.50	359.42	10,784.48	-252.35	-54.70	-251.97	10.00	10.00	0.09
11,000.00	71.50	359.47	10,802.40	-205.69	-55.15	-205.31	10.00	10.00	0.09
11,050.00	76.50	359.51	10,816.17	-157.64	-55.58	-157.26	10.00	10.00	0.08
11,100.00	81.50	359.55	10,825.71	-108.58	-55.98	-108.19	10.00	10.00	0.08
11,150.00	86.50	359.59	10,830.93	-58.87	-56.36	-58.48	10.00	10.00	0.08
11,184.99	90.00	359.61	10,832.00	-23.90	-56.60	-23.51	10.00	10.00	0.08
LP									
11,200.00	90.00	359.61	10,832.00	-8.89	-56.70	-8.51	0.00	0.00	0.00
11,300.00	90.00	359.61	10,832.00	91.11	-57.37	91.49	0.00	0.00	0.00
11,400.00	90.00	359.61	10,832.00	191.10	-58.05	191.49	0.00	0.00	0.00
11,500.00	90.00	359.61	10,832.00	291.10	-58.72	291.49	0.00	0.00	0.00
11,600.00	90.00	359.61	10,832.00	391.10	-59.39	391.49	0.00	0.00	0.00
11,700.00	90.00	359.61	10,832.00	491.10	-60.07	491.49	0.00	0.00	0.00
11,800.00	90.00	359.61	10,832.00	591.09	-60.74	591.49	0.00	0.00	0.00
11,900.00	90.00	359.61	10,832.00	691.09	-61.41	691.49	0.00	0.00	0.00
12,000.00	90.00	359.61	10,832.00	791.09	-62.09	791.49	0.00	0.00	0.00
12,100.00	90.00	359.61	10,832.00	891.09	-62.76	891.49	0.00	0.00	0.00
12,200.00	90.00	359.61	10,832.00	991.09	-63.43	991.49	0.00	0.00	0.00
12,300.00	90.00	359.61	10,832.00	1,091.08	-64.11	1,091.49	0.00	0.00	0.00
12,400.00	90.00	359.61	10,832.00	1,191.08	-64.78	1,191.49	0.00	0.00	0.00
12,500.00	90.00	359.61	10,832.00	1,291.08	-65.45	1,291.49	0.00	0.00	0.00
12,600.00	90.00	359.61	10,832.00	1,391.08	-66.13	1,391.49	0.00	0.00	0.00
12,700.00	90.00	359.61	10,832.00	1,491.07	-66.80	1,491.49	0.00	0.00	0.00
12,800.00	90.00	359.61	10,832.00	1,591.07	-67.47	1,591.49	0.00	0.00	0.00
12,900.00	90.00	359.61	10,832.00	1,691.07	-68.15	1,691.49	0.00	0.00	0.00
13,000.00	90.00	359.61	10,832.00	1,791.07	-68.82	1,791.49	0.00	0.00	0.00
13,100.00	90.00	359.61	10,832.00	1,891.06	-69.49	1,891.49	0.00	0.00	0.00

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

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)
13,200.00	90.00	359.61	10,832.00	1,991.06	-70.17	1,991.49	0.00	0.00	0.00
13,300.00	90.00	359.61	10,832.00	2,091.06	-70.84	2,091.49	0.00	0.00	0.00
13,400.00	90.00	359.61	10,832.00	2,191.06	-71.51	2,191.49	0.00	0.00	0.00
13,500.00	90.00	359.61	10,832.00	2,291.06	-72.19	2,291.49	0.00	0.00	0.00
13,600.00	90.00	359.61	10,832.00	2,391.05	-72.86	2,391.49	0.00	0.00	0.00
13,700.00	90.00	359.61	10,832.00	2,491.05	-73.53	2,491.49	0.00	0.00	0.00
13,800.00	90.00	359.61	10,832.00	2,591.05	-74.21	2,591.49	0.00	0.00	0.00
13,900.00	90.00	359.61	10,832.00	2,691.05	-74.88	2,691.49	0.00	0.00	0.00
14,000.00	90.00	359.61	10,832.00	2,791.04	-75.56	2,791.49	0.00	0.00	0.00
14,100.00	90.00	359.61	10,832.00	2,891.04	-76.23	2,891.49	0.00	0.00	0.00
14,200.00	90.00	359.61	10,832.00	2,991.04	-76.90	2,991.49	0.00	0.00	0.00
14,300.00	90.00	359.61	10,832.00	3,091.04	-77.58	3,091.49	0.00	0.00	0.00
14,400.00	90.00	359.61	10,832.00	3,191.04	-78.25	3,191.49	0.00	0.00	0.00
14,500.00	90.00	359.61	10,832.00	3,291.03	-78.92	3,291.49	0.00	0.00	0.00
14,600.00	90.00	359.61	10,832.00	3,391.03	-79.60	3,391.49	0.00	0.00	0.00
14,700.00	90.00	359.61	10,832.00	3,491.03	-80.27	3,491.49	0.00	0.00	0.00
14,800.00	90.00	359.61	10,832.00	3,591.03	-80.94	3,591.49	0.00	0.00	0.00
14,900.00	90.00	359.61	10,832.00	3,691.02	-81.62	3,691.49	0.00	0.00	0.00
15,000.00	90.00	359.61	10,832.00	3,791.02	-82.29	3,791.49	0.00	0.00	0.00
15,100.00	90.00	359.61	10,832.00	3,891.02	-82.96	3,891.49	0.00	0.00	0.00
15,200.00	90.00	359.61	10,832.00	3,991.02	-83.64	3,991.49	0.00	0.00	0.00
15,300.00	90.00	359.61	10,832.00	4,091.01	-84.31	4,091.49	0.00	0.00	0.00
15,400.00	90.00	359.61	10,832.00	4,191.01	-84.98	4,191.49	0.00	0.00	0.00
15,500.00	90.00	359.61	10,832.00	4,291.01	-85.66	4,291.49	0.00	0.00	0.00
15,600.00	90.00	359.61	10,832.00	4,391.01	-86.33	4,391.49	0.00	0.00	0.00
15,700.00	90.00	359.61	10,832.00	4,491.01	-87.00	4,491.49	0.00	0.00	0.00
15,800.00	90.00	359.61	10,832.00	4,591.00	-87.68	4,591.49	0.00	0.00	0.00
15,900.00	90.00	359.61	10,832.00	4,691.00	-88.35	4,691.49	0.00	0.00	0.00
16,000.00	90.00	359.61	10,832.00	4,791.00	-89.02	4,791.49	0.00	0.00	0.00
16,037.30	90.00	359.61	10,832.00	4,828.30	-89.27	4,828.80	0.00	0.00	0.00
16,087.30	90.00	359.61	10,832.00	4,878.30	-89.61	4,878.80	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
MA #706H: SHL (354' - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	457,180.60	724,659.10	32.254816	-103.606606
MA #706H: LTP - plan misses target center by 0.03usft at 16037.30usft MD (10832.00 TVD, 4828.30 N, -89.27 E) - Point	0.00	0.00	10,832.00	4,828.30	-89.30	462,008.90	724,569.80	32.268090	-103.606789
MA #706H: FTP/ LP - plan hits target center - Point	0.00	0.00	10,832.00	-23.90	-56.60	457,156.70	724,602.50	32.254752	-103.606789
MA #706H: PBHL (50 - plan misses target center by 0.01usft at 16087.30usft MD (10832.00 TVD, 4878.30 N, -89.61 E) - Point	0.00	0.00	10,832.00	4,878.30	-89.60	462,058.90	724,569.50	32.268227	-103.606789

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well #706H
Company:	XTO Energy	**TVD Reference:**	RKB = 25' @ 3682.00usft
Project:	Lea County, NM (NAD-27)	**MD Reference:**	RKB = 25' @ 3682.00usft
Site:	Mis Amigos	**North Reference:**	Grid
Well:	#706H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	PERMIT Rev2		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,215.00	1,215.00	Rustler			
1,716.00	1,716.00	Top Salt			
4,710.88	4,706.00	Base Salt			
5,045.15	5,039.00	Delaware			
8,991.14	8,970.00	Bone Spring			
10,148.54	10,123.00	1st Bone Spring Ss			
10,905.13	10,765.00	2nd Bone Spring Ss			
11,184.99	10,832.00	LP			

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

HOBBS
OCT 18 2018
RECEIVED

Submit Original to Appropriate District Office

GAS CAPTURE PLAN

Date: 07/26/2018

☐ Original
☒ Amended - Reason for Amendment: Revised SHL

Operator & OGRID No.: XTO Energy, Inc [005380]

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomplete to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Mis Amigos CTB

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location	Footages	Expected MCF/D	Flared or Vented	Comments
Mis Amigos #706H	30-025-45024	P-31-23S-33E	354'FSL & 1293'FEL	250	Flared/Sold	CTB Connected to P/L

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to DCP MIDSTREAM and will be connected to DCP MIDSTREAM low/high pressure gathering system located in Lea County, New Mexico. It will require 0' of pipeline to connect the facility to low/high pressure gathering system. XTO ENERGY, INC provides (periodically) to DCP MIDSTREAM a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, XTO ENERGY, INC and DCP MIDSTREAM have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at NM Supersystem Processing Plant located in Sec. 19 Twn. 19S, Rng. 32E, Lea County, New Mexico. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on DCP MIDSTREAM's system at that time. Based on current information, it is XTO ENERGY, INC's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
  - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
  - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
  - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines

Kautz, Paul, EMNRD

From: BGoins@polynatura.com
Sent: Friday, October 19, 2018 8:30 AM
To: Kautz, Paul, EMNRD
Subject: [EXT] RE: APD change of location

Paul,

The new location just moves the proposed well further in our mains. I want to avoid any conflict with XTO but PolyNatura cant have this well in the middle of our mains.

Bobby

From: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Sent: Friday, October 19, 2018 7:30 AM
To: BGoins@polynatura.com
Subject: APD change of location

Hello Bobby,

XTO Mis Amigos well # 706H was approved earlier this year. As it turns out it is in the middle of the mains. They would like to change its location to:

Surface location: Sec 31, 23S, 33E Lat. 32.254939 Long. -103.607086 NAD83

Thank You

Paul Kautz
Hobbs District Geologist
Energy Minerals Natural Resources Dept.
Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240
575-393-6161 ext. 104

Kautz, Paul, EMNRD

From: Kautz, Paul, EMNRD
Sent: Friday, October 19, 2018 9:23 AM
To: 'Rabadue, Stephanie'; Riley, Heather, EMNRD; Goetze, Phillip, EMNRD; McMillan, Michael, EMNRD; Jones, William V, EMNRD; Dawson, Scott, EMNRD
Cc: Hall, James; Kardos, Kelly
Subject: RE: Permits: Mis Amigos

Hello Stephanie,

I have withdrawn your APD for the Mis Amigos 907H as you requested.

Concerning the APD for well 30-025-45024 MIS AMIGOS STATE #706H cannot be drilled at the presently approved location as it lies within the mains. The propsed change of location on your recently submitted C-103 is not acceptable to PolyNatural because it moves further within their mains. Therefore I am denying your C-103. Your APD for the #706 is still active for the purpose of allowing XTO to submit a change of location outside of the mains. XTO can take this mater to hearing in Santa Fe. I encourage XTO to contine discussions with PolyNatura for a site that would be acceptable to everyone.

Paul Kautz
Hobbs District Geologist
Energy Minerals Natural Resources Dept.
Oil Conservation Division
1625 N. French Dr.
Hobbs, NM 88240
575-393-6161 ext. 104

From: Rabadue, Stephanie <Stephanie_Rabadue@xtoenergy.com>
Sent: Thursday, October 18, 2018 12:10 PM
To: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>
Cc: Hall, James <James_Hall@xtoenergy.com>; Kardos, Kelly <Kelly_Kardos@xtoenergy.com>
Subject: [EXT] Permits: Mis Amigos

Good afternoon, Paul!

I wanted you to be up-to-date with our plans at the Mis Amigos lease.

- 706H. We recently submitted a sundry that includes an updated casing design reflecting the requested Potash specifications. However, the sundry also included a shift in SHL for the well. If you would please retract that sundry due to the SHL move, we would be appreciative! XTO will submit an updated sundry for the 706H location by EOW reflecting the updated casing design to match Potash requirements versus what was originally permitted but the sundry will not include a SHL change.

- 907H. We will be moving this well from the location currently submitted to 30' West of the 108H. This is still 130' East of the Mis Amigos 2H well location. Please withdraw the C-101 we have submitted for the Mis Amigos

907H with anticipation of receiving an updated C-101 and corresponding C-102 with the well location reflecting an adjacent position to the 108H.

I appreciate your help and your patience as we move forward. I know this new mine has thrown everyone for an unexpected loop!

If you need anything at all, as always: please don't hesitate to let me know!

Thank you, take care, and have a beautiful day!

Stephanie Rabadue
Regulatory Coordinator – Delaware District / Permian Division
XTO Energy, Inc (a subsidiary of ExxonMobil)
6401 Holiday Hill Road, Bldg 5
Midland, TX 79707
Phone: 432-620-6714
stephanie_rabadue@xtoenergy.com