

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 Resources

Form C-104

Revised August 1, 2011

Oil 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 - 015-45494	⁵ Pool Name FORTY NINER RIDGE; BONE SPRING	⁶ Pool Code 96526
⁷ Property Code 303152	⁸ Property Name NASH UNIT	⁹ Well Number 201H

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
A	19	23S	30E		90	North	580	East	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
P	6	23S	30E		1283	South	286	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
151618	Enterprise Field Services LLC	G
34053	Plains Marketing	O/W

IV. Well Completion Data

²¹ Spud Date 12/20/2018	²² Ready Date 2/1/2020	²³ TD 21145 MD 9068 TVD	²⁴ PBD 21143 MD 9068 TVD	²⁵ Perforations 9,545 - 21,006	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24	18.625 J55 87.5#	378	785		
17.5	13.375 L80 72#	3386	3050		
12.25	9.625 K55 40#	7390	1910		
8.5	5.5 P110 20# 2 7/8 L80 6.5#	21145 8,468	3660		

V. Well Test Data

³¹ Date New Oil 2/2/2020	³² Gas Delivery Date 2/15/2020	³³ Test Date 2/15/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 800	³⁶ Csg. Pressure 700
³⁷ Choke Size	³⁸ Oil 2284	³⁹ Water 3672	⁴⁰ Gas 3211		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*

OIL CONSERVATION DIVISION

Approved by: **PATRICIA MARTINEZ**Printed name: **Cassie Evans**Title: **PETROLEUM SPECIALIST**Title: **Regulatory Analyst**Approval Date: **2/10/2023**E-mail Address: **cassie.evans@exxonmobil.com**Date: **12/22/22**Phone: **432.218.3671**

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 30-015-45494	² Pool Code 96526	³ Pool Name Forty-Niner Ridge; Bone Spring
⁴ Property Code 303152	⁵ Property Name NASH UNIT	⁶ Well Number 201H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,118'

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
A	19	23 S	30 E		90	NORTH	580	EAST	EDDY

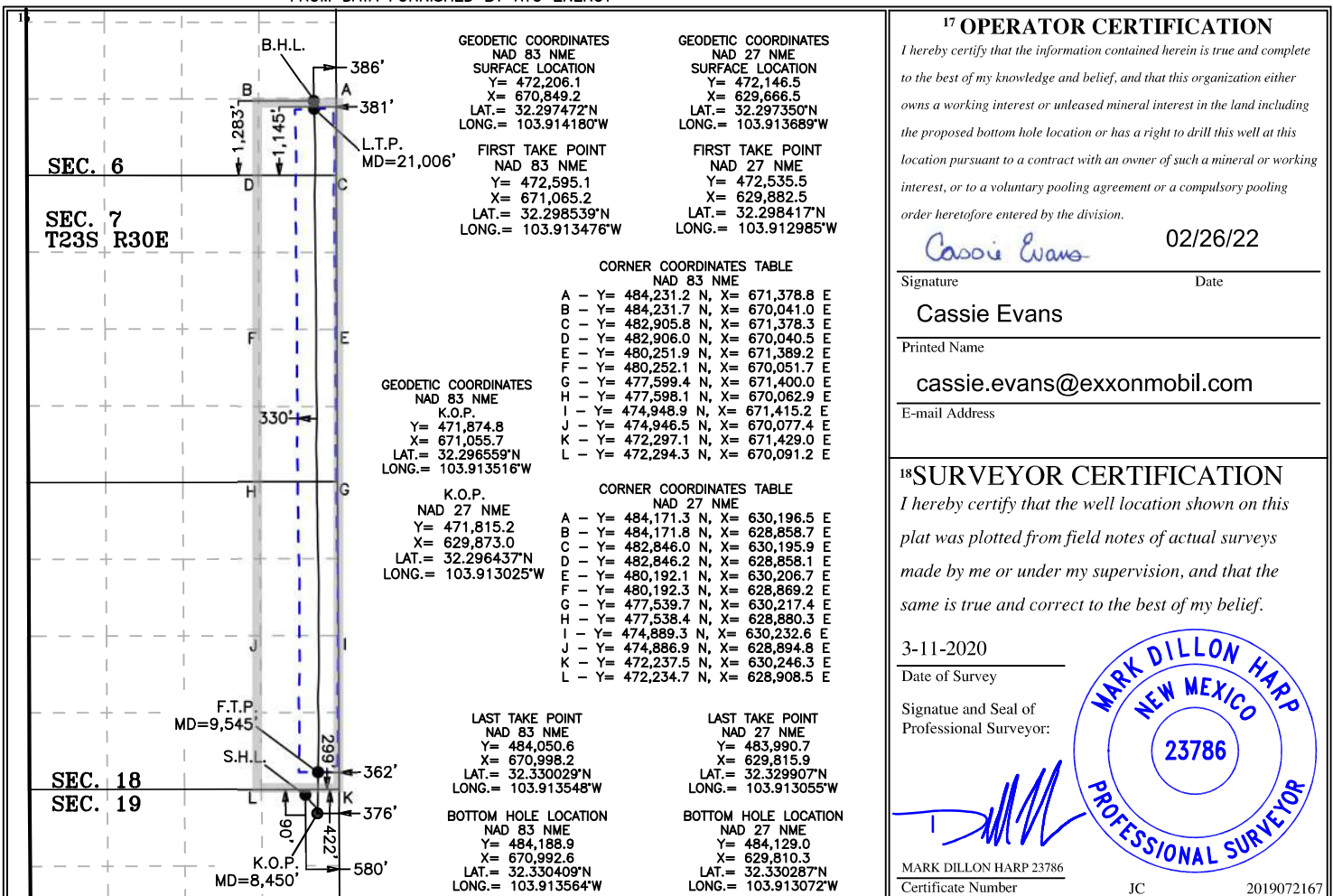
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	23 S	30 E		1,283	SOUTH	386	EAST	EDDY

¹² Dedicated Acres 360	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 # 30-015-45494		
Operator Name: XTO ENERGY, INC.	Property Name: NASH UNIT	Well Number 201H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	19	23S	30E		422	NORTH	376	EAST	EDDY
Latitude 32.296559					Longitude 103.913516				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	18	23S	30E		299	SOUTH	362	EAST	EDDY
Latitude 32.298539					Longitude 103.913476				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	6	23S	30E		1145	SOUTH	381	EAST	EDDY
Latitude 32.330029					Longitude 103.91358				NAD 83

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

☒ Yes

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



True Performance
Directional Drilling
5075 E 52nd Street
Odessa, TX 79762
(281)-222-8366

To: New Mexico Energy, Minerals and
Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505 (505) 476-3220

Re: Certified Survey Report / **NASH UNIT 201H / 30-015-45494**

Via: Electronic Filing

True Performance Directional Drilling, respectfully submits for filing the required directional certified survey performed on the referenced well by True Performance Directional Drilling. Other information required by your office is as follows:

<u>Name & Title of Supervisor</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Greg Wilkie MWD Coordinator	71' to 21145'	12-21-18 TO 1-24-19	MWD

The directional MWD surveys performed by True Performance Directional Drilling are attached. A copy of the certified plat on which the final survey is drawn and the projected bottom-hole location is marked and identified is also attached.

Please file this certified survey report. If there are any questions or additional data required, please let me know at your earliest opportunity.

Thank You

Sincerely,

A handwritten signature in black ink, appearing to read 'Greg Wilkie'.

Greg Wilkie
MWD Operations Manager

XTO Energy

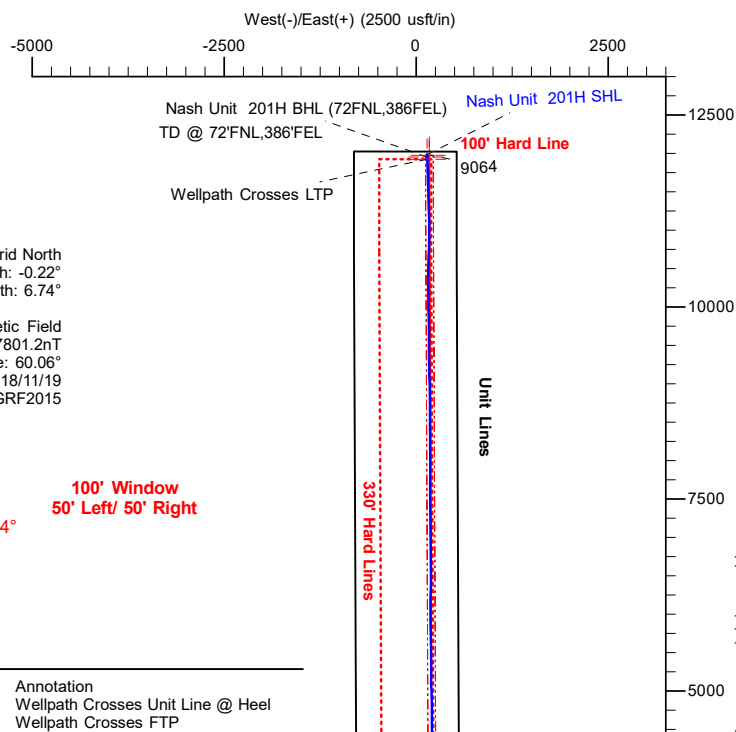
Project: Eddy County, NM (NAD27) NMEZ US
 Site: Nash Unit Pad
 Well: Nash Unit 201H SHL
 Wellbore: Nash Unit 201H SHL
 Design: Nash Unit 201H SHL (AsDrilled)

3118+22 @ 3140.00usft (Perseus)
 NAD 1927 (NADCON CONUS)



Azimuths to Grid North
 True North: -0.22°
 Magnetic North: 6.74°

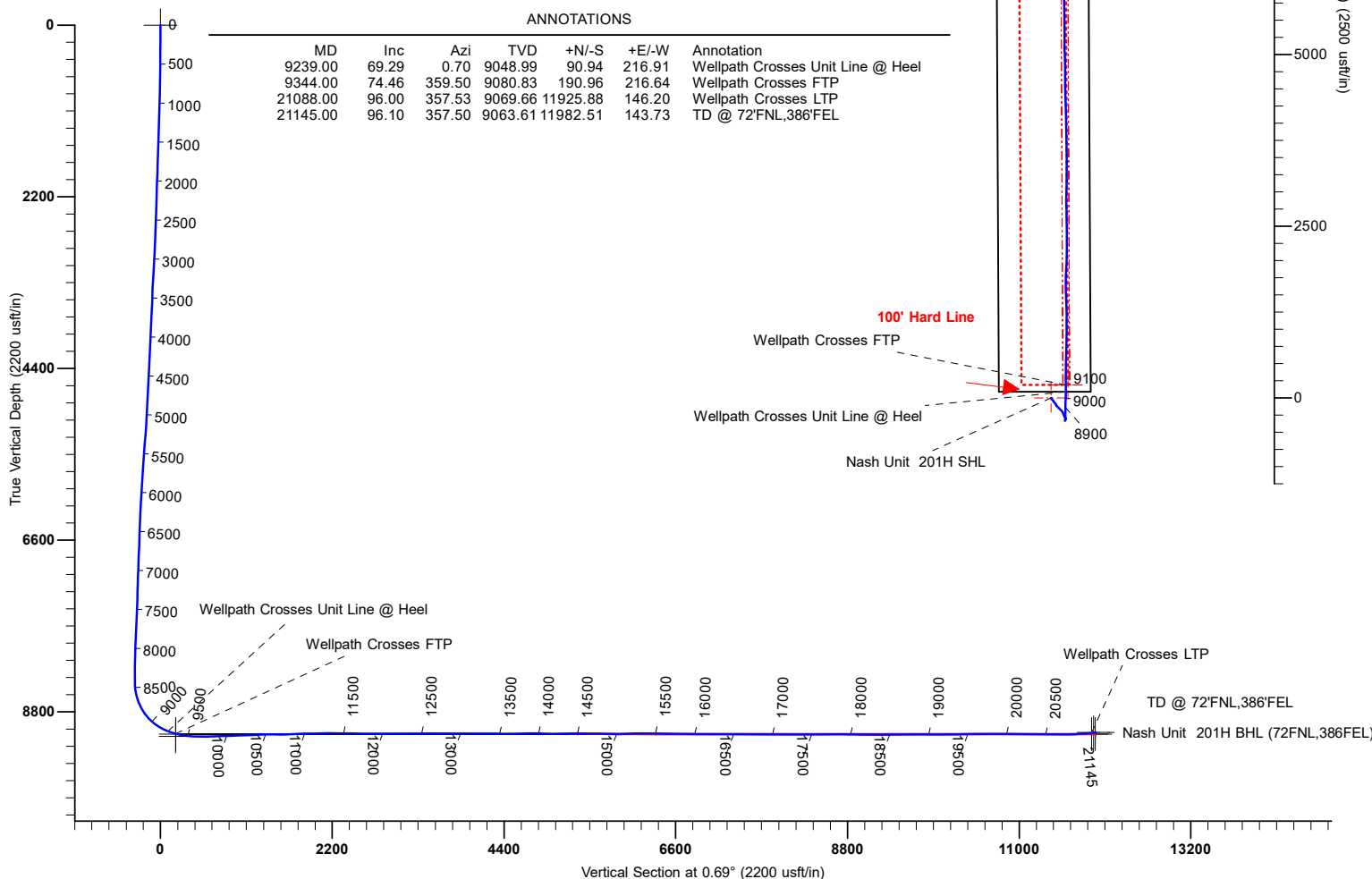
Magnetic Field
 Strength: 47801.2nT
 Dip Angle: 60.06°
 Date: 2018/11/19
 Model: IGRF2015



To convert a Magnetic Direction to a Grid Direction, Add 6.74°

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Annotation
9239.00	69.29	0.70	9048.99	90.94	216.91	Wellpath Crosses Unit Line @ Heel
9344.00	74.46	359.50	9080.83	190.96	216.64	Wellpath Crosses FTP
21088.00	96.00	357.53	9069.66	11925.88	146.20	Wellpath Crosses LTP
21145.00	96.10	357.50	9063.61	11982.51	143.73	TD @ 72'FNL,386'FEL



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
Nash Unit 201H SHL	0.00	0.00	0.00	472146.50	629666.50
Nash Unit 201H BHL (72FNL,386FEL)	9063.61	11952.51	143.73	484099.01	629810.23
Nash Unit 201H LTP_100FNL_355FEL	9084.00	11925.00	174.60	484071.50	629841.10
Nash Unit 201H LP p3	9085.00	192.27	249.43	472338.77	629915.93
Nash Unit 201H PBHL_50FNL_355FEL p5	9085.00	11975.00	174.60	484121.50	629841.10
Nash Unit 201H FTP_100FSL_355FEL	9115.00	190.40	223.90	472336.90	629890.40

Design: Nash Unit 201H SHL (AsDrilled) (Nash Unit 201H SHL/Nash Unit 201H SHL)

Created By: Mekka Williams
 eSomina Well Design
 mekka@esominawelldesign.com
 8:40, January 28 2019

TRUE PERFORMANCE DIRECTIONAL DRILLING
 5075 E 52nd Street, Odessa, Texas 79762
 281.222.8366



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Project	Eddy County, NM (NAD27) NMEZ US		
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		Nash Unit Pad, centered on 202H						
Site Position: From:	Map	Northing:	472,146.40	usft	Latitude:	32.2973501		
		Easting:	629,616.50	usft	Longitude:	-103.9138507		
		Position Uncertainty:	0.00	usft	Slot Radius:	13.20	in	Grid Convergence:

Well	Nash Unit 201H SHL					
Well Position	+N/-S	0.00 usft	Northing:	472,146.50 usft	Latitude:	32.2973498
	+E/-W	0.00 usft	Easting:	629,666.50 usft	Longitude:	-103.9136888
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,118.00 usft

Wellbore	Nash Unit 201H SHL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2018/11/19	6.96	60.06	47,801

Design	Nash Unit 201H SHL (AsDrilled)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00		0.69

Survey Program	Date	2019/01/28			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
71.00	21,093.00	Survey #1 (Nash Unit 201H SHL)	MWD	MWD v3:standard declination	
21,145.00	21,145.00	Survey #2 (Nash Unit 201H SHL)	Projection	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	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	
Nash Unit 201H SHL										
71.00	1.30	213.00	70.99	-0.68	-0.44	-0.68	1.83	1.83	0.00	
101.00	1.20	307.00	100.99	-0.77	-0.87	-0.78	6.10	-0.33	313.33	
214.00	1.10	231.00	213.97	-0.74	-2.66	-0.77	1.26	-0.09	-67.26	
340.00	0.90	144.00	339.96	-2.30	-3.02	-2.34	1.10	-0.16	-69.05	
415.00	0.70	86.70	414.95	-2.75	-2.22	-2.78	1.05	-0.27	-76.40	
510.00	1.00	93.60	509.94	-2.77	-0.81	-2.78	0.33	0.32	7.26	
605.00	1.30	114.80	604.92	-3.28	0.99	-3.26	0.54	0.32	22.32	
701.00	1.90	137.20	700.89	-4.90	3.06	-4.86	0.89	0.62	23.33	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
796.00	2.00	135.00	795.83	-7.23	5.31	-7.17	0.13	0.11	-2.32	
865.00	1.90	137.60	864.79	-8.93	6.93	-8.84	0.19	-0.14	3.77	
961.00	2.40	139.40	960.72	-11.63	9.31	-11.51	0.53	0.52	1.87	
1,055.00	2.20	141.40	1,054.65	-14.53	11.72	-14.39	0.23	-0.21	2.13	
1,151.00	2.50	140.60	1,150.57	-17.59	14.20	-17.42	0.31	0.31	-0.83	
1,246.00	2.20	138.70	1,245.49	-20.56	16.71	-20.36	0.33	-0.32	-2.00	
1,343.00	2.00	141.80	1,342.42	-23.29	18.99	-23.06	0.24	-0.21	3.20	
1,439.00	2.20	145.70	1,438.36	-26.13	21.06	-25.87	0.26	0.21	4.06	
1,534.00	2.30	141.10	1,533.28	-29.12	23.29	-28.84	0.22	0.11	-4.84	
1,629.00	2.20	141.30	1,628.21	-32.02	25.63	-31.71	0.11	-0.11	0.21	
1,725.00	2.50	143.10	1,724.13	-35.14	28.04	-34.80	0.32	0.31	1.87	
1,820.00	2.50	141.90	1,819.04	-38.42	30.56	-38.05	0.06	0.00	-1.26	
1,915.00	2.60	145.40	1,913.95	-41.83	33.06	-41.43	0.19	0.11	3.68	
2,010.00	2.50	143.10	2,008.85	-45.26	35.53	-44.83	0.15	-0.11	-2.42	
2,105.00	2.40	151.90	2,103.77	-48.67	37.71	-48.21	0.41	-0.11	9.26	
2,200.00	2.10	146.30	2,198.69	-51.87	39.61	-51.39	0.39	-0.32	-5.89	
2,296.00	2.00	146.10	2,294.63	-54.73	41.52	-54.22	0.10	-0.10	-0.21	
2,391.00	2.10	142.50	2,389.57	-57.48	43.51	-56.96	0.17	0.11	-3.79	
2,487.00	2.20	142.90	2,485.50	-60.35	45.69	-59.80	0.11	0.10	0.42	
2,582.00	2.10	147.20	2,580.44	-63.27	47.73	-62.69	0.20	-0.11	4.53	
2,677.00	2.60	144.10	2,675.36	-66.47	49.94	-65.87	0.54	0.53	-3.26	
2,772.00	3.50	132.80	2,770.22	-70.19	53.33	-69.55	1.13	0.95	-11.89	
2,869.00	3.50	130.40	2,867.04	-74.12	57.76	-73.42	0.15	0.00	-2.47	
2,965.00	4.00	137.00	2,962.83	-78.47	62.27	-77.72	0.69	0.52	6.87	
3,060.00	4.70	141.30	3,057.56	-83.93	66.96	-83.12	0.81	0.74	4.53	
3,156.00	4.80	155.40	3,153.23	-90.65	71.09	-89.79	1.22	0.10	14.69	
3,252.00	3.40	155.70	3,248.99	-96.90	73.94	-96.00	1.46	-1.46	0.31	
3,309.00	2.80	159.20	3,305.90	-99.74	75.13	-98.83	1.10	-1.05	6.14	
3,443.00	1.70	181.70	3,439.80	-104.79	76.23	-103.86	1.04	-0.82	16.79	
3,539.00	2.20	158.90	3,535.74	-107.93	76.85	-107.00	0.95	0.52	-23.75	
3,634.00	3.40	141.10	3,630.63	-111.82	79.28	-110.86	1.55	1.26	-18.74	
3,728.00	3.80	132.20	3,724.45	-116.08	83.34	-115.08	0.73	0.43	-9.47	
3,824.00	3.90	137.10	3,820.23	-120.61	87.92	-119.55	0.36	0.10	5.10	
3,919.00	3.80	137.30	3,915.02	-125.29	92.25	-124.18	0.11	-0.11	0.21	
4,014.00	3.90	132.30	4,009.80	-129.78	96.77	-128.61	0.37	0.11	-5.26	
4,109.00	3.80	135.90	4,104.59	-134.22	101.35	-132.99	0.28	-0.11	3.79	
4,204.00	3.80	133.90	4,199.38	-138.66	105.81	-137.38	0.14	0.00	-2.11	
4,300.00	3.70	134.90	4,295.17	-143.05	110.30	-141.72	0.12	-0.10	1.04	
4,394.00	4.40	133.70	4,388.94	-147.68	115.05	-146.29	0.75	0.74	-1.28	
4,491.00	4.30	135.40	4,485.66	-152.84	120.30	-151.39	0.17	-0.10	1.75	
4,586.00	4.30	134.40	4,580.39	-157.87	125.34	-156.36	0.08	0.00	-1.05	
4,682.00	4.40	134.40	4,676.11	-162.97	130.55	-161.39	0.10	0.10	0.00	
4,779.00	4.40	131.60	4,772.83	-168.04	135.99	-166.40	0.22	0.00	-2.89	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,875.00	4.20	133.60	4,868.56	-172.91	141.29	-171.20	0.26	-0.21	2.08
4,971.00	4.00	134.50	4,964.31	-177.68	146.22	-175.91	0.22	-0.21	0.94
5,066.00	4.80	135.70	5,059.03	-182.85	151.36	-181.02	0.85	0.84	1.26
5,161.00	5.00	136.60	5,153.68	-188.70	156.98	-186.80	0.23	0.21	0.95
5,257.00	4.90	149.00	5,249.33	-195.25	161.97	-193.30	1.12	-0.10	12.92
5,353.00	5.10	149.80	5,344.96	-202.46	166.22	-200.45	0.22	0.21	0.83
5,449.00	5.10	151.60	5,440.58	-209.90	170.40	-207.84	0.17	0.00	1.87
5,544.00	4.60	154.20	5,535.24	-217.04	174.07	-214.94	0.57	-0.53	2.74
5,640.00	4.50	153.00	5,630.94	-223.86	177.45	-221.72	0.14	-0.10	-1.25
5,736.00	4.30	161.30	5,726.66	-230.63	180.32	-228.45	0.69	-0.21	8.65
5,831.00	4.20	158.40	5,821.40	-237.24	182.74	-235.03	0.25	-0.11	-3.05
5,926.00	3.80	159.40	5,916.17	-243.42	185.13	-241.18	0.43	-0.42	1.05
6,022.00	3.60	156.00	6,011.97	-249.15	187.47	-246.88	0.31	-0.21	-3.54
6,117.00	3.60	157.00	6,106.78	-254.62	189.85	-252.32	0.07	0.00	1.05
6,212.00	3.30	148.80	6,201.61	-259.70	192.43	-257.38	0.61	-0.32	-8.63
6,307.00	3.30	140.90	6,296.45	-264.16	195.57	-261.80	0.48	0.00	-8.32
6,401.00	1.90	150.40	6,390.35	-267.62	198.05	-265.22	1.55	-1.49	10.11
6,497.00	1.60	175.70	6,486.31	-270.34	198.94	-267.93	0.85	-0.31	26.35
6,591.00	2.10	152.10	6,580.26	-273.17	199.84	-270.75	0.96	0.53	-25.11
6,687.00	3.10	146.30	6,676.16	-276.88	202.10	-274.44	1.08	1.04	-6.04
6,783.00	2.80	149.20	6,772.03	-281.06	204.74	-278.58	0.35	-0.31	3.02
6,879.00	2.20	151.10	6,867.94	-284.68	206.84	-282.18	0.63	-0.62	1.98
6,975.00	2.10	163.20	6,963.87	-287.98	208.23	-285.46	0.48	-0.10	12.60
7,070.00	2.10	163.60	7,058.81	-291.32	209.23	-288.79	0.02	0.00	0.42
7,165.00	2.30	161.00	7,153.74	-294.79	210.34	-292.25	0.24	0.21	-2.74
7,260.00	2.20	168.90	7,248.67	-298.38	211.31	-295.83	0.34	-0.11	8.32
7,311.00	2.10	164.00	7,299.63	-300.24	211.76	-297.68	0.41	-0.20	-9.61
7,459.00	1.30	155.90	7,447.57	-304.38	213.19	-301.80	0.56	-0.54	-5.47
7,554.00	0.90	195.60	7,542.55	-306.08	213.43	-303.50	0.88	-0.42	41.79
7,650.00	3.10	198.20	7,638.48	-309.27	212.42	-306.70	2.29	2.29	2.71
7,746.00	3.60	205.10	7,734.32	-314.47	210.33	-311.92	0.67	0.52	7.19
7,842.00	3.60	215.30	7,830.13	-319.66	207.31	-317.15	0.67	0.00	10.62
7,937.00	2.50	204.40	7,925.00	-323.98	204.73	-321.50	1.30	-1.16	-11.47
8,033.00	1.80	202.10	8,020.93	-327.28	203.30	-324.82	0.73	-0.73	-2.40
8,129.00	1.70	144.20	8,116.89	-329.84	203.56	-327.37	1.77	-0.10	-60.31
8,224.00	0.50	70.20	8,211.87	-330.84	204.78	-328.36	1.72	-1.26	-77.89
8,319.00	0.70	117.00	8,306.87	-330.96	205.68	-328.47	0.54	0.21	49.26
8,394.00	0.40	158.40	8,381.87	-331.41	206.19	-328.92	0.64	-0.40	55.20
8,435.00	0.10	130.50	8,422.87	-331.57	206.27	-329.07	0.77	-0.73	-68.05
8,483.00	2.60	28.90	8,470.85	-330.64	206.83	-328.14	5.46	5.21	-211.67
8,531.00	8.20	5.80	8,518.62	-326.28	207.70	-323.77	12.28	11.67	-48.12
8,561.90	11.16	6.46	8,549.08	-321.11	208.26	-318.59	9.59	9.58	2.15
Nash Unit 201H KOP									
8,579.00	12.80	6.70	8,565.81	-317.59	208.67	-315.06	9.59	9.58	1.38

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
8,628.00	16.50	5.40	8,613.20	-305.27	209.95	-302.73	7.58	7.55	-2.65
8,676.00	20.80	2.00	8,658.67	-289.96	210.89	-287.40	9.24	8.96	-7.08
8,724.00	24.00	359.40	8,703.05	-271.67	211.09	-269.12	6.98	6.67	-5.42
8,772.00	27.00	359.70	8,746.37	-251.01	210.93	-248.46	6.26	6.25	0.62
8,820.00	30.40	1.10	8,788.46	-227.96	211.11	-225.42	7.22	7.08	2.92
8,852.00	34.10	0.90	8,815.52	-210.89	211.40	-208.34	11.57	11.56	-0.62
8,884.00	37.70	0.00	8,841.44	-192.13	211.54	-189.58	11.37	11.25	-2.81
8,916.00	41.00	359.00	8,866.18	-171.85	211.36	-169.30	10.50	10.31	-3.12
8,963.00	45.80	0.10	8,900.32	-139.57	211.12	-137.03	10.34	10.21	2.34
9,010.00	50.50	0.20	8,931.67	-104.57	211.21	-102.03	10.00	10.00	0.21
9,057.00	54.30	0.90	8,960.34	-67.34	211.58	-64.80	8.17	8.09	1.49
9,105.00	57.50	2.20	8,987.25	-27.61	212.66	-25.06	7.03	6.67	2.71
9,153.00	60.00	2.70	9,012.15	13.38	214.42	15.95	5.28	5.21	1.04
9,201.00	65.10	1.90	9,034.27	55.93	216.12	58.52	10.73	10.62	-1.67
9,239.00	69.29	0.70	9,048.99	90.94	216.91	93.54	11.41	11.04	-3.15
Wellpath Crosses Unit Line @ Heel									
9,249.00	70.40	0.40	9,052.44	100.33	217.00	102.92	11.41	11.05	-3.03
9,297.00	72.80	359.60	9,067.59	145.87	217.00	148.46	5.24	5.00	-1.67
9,344.00	74.46	359.50	9,080.83	190.96	216.64	193.55	3.55	3.54	-0.21
Wellpath Crosses FTP									
9,345.00	74.50	359.50	9,081.10	191.93	216.63	194.51	3.55	3.54	-0.21
9,346.09	74.58	359.50	9,081.39	192.97	216.62	195.56	7.02	7.02	0.22
Nash Unit 201H LP p3									
9,351.58	74.96	359.51	9,082.83	198.27	216.58	200.86	7.02	7.02	0.22
Nash Unit 201H FTP_100FSL_355FEL									
9,392.00	77.80	359.60	9,092.35	237.55	216.28	240.13	7.02	7.02	0.21
9,440.00	80.50	0.10	9,101.38	284.69	216.15	287.26	5.72	5.62	1.04
9,488.00	84.00	359.80	9,107.86	332.24	216.11	334.81	7.32	7.29	-0.62
9,536.00	85.40	359.90	9,112.29	380.04	215.99	382.60	2.92	2.92	0.21
9,584.00	87.70	0.40	9,115.18	427.95	216.11	430.51	4.90	4.79	1.04
9,680.00	90.10	2.20	9,117.02	523.89	218.29	526.47	3.12	2.50	1.87
9,775.00	91.00	1.50	9,116.11	618.84	221.36	621.45	1.20	0.95	-0.74
9,871.00	91.60	1.40	9,113.93	714.78	223.78	717.41	0.63	0.62	-0.10
9,966.00	92.30	1.40	9,110.70	809.70	226.10	812.35	0.74	0.74	0.00
10,062.00	92.00	0.60	9,107.10	905.61	227.78	908.28	0.89	-0.31	-0.83
10,158.00	92.20	359.50	9,103.58	1,001.55	227.86	1,004.21	1.16	0.21	-1.15
10,253.00	91.60	359.90	9,100.43	1,096.49	227.37	1,099.14	0.76	-0.63	0.42
10,348.00	92.90	0.30	9,096.70	1,191.42	227.53	1,194.06	1.43	1.37	0.42
10,444.00	92.40	358.80	9,092.26	1,287.31	226.78	1,289.94	1.65	-0.52	-1.56
10,539.00	91.10	358.60	9,089.36	1,382.24	224.62	1,384.83	1.38	-1.37	-0.21
10,634.00	88.10	356.20	9,090.02	1,477.12	220.32	1,479.66	4.04	-3.16	-2.53
10,730.00	91.10	358.40	9,090.69	1,573.00	215.79	1,575.47	3.88	3.12	2.29
10,826.00	93.50	0.50	9,086.84	1,668.90	214.87	1,671.36	3.32	2.50	2.19
10,922.00	92.00	2.00	9,082.24	1,764.76	216.96	1,767.24	2.21	-1.56	1.56

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,018.00	91.60	2.70	9,079.22	1,860.63	220.90	1,863.15	0.84	-0.42	0.73
11,113.00	90.70	2.60	9,077.31	1,955.51	225.29	1,958.07	0.95	-0.95	-0.11
11,209.00	90.60	1.60	9,076.22	2,051.44	228.81	2,054.04	1.05	-0.10	-1.04
11,305.00	91.40	0.90	9,074.55	2,147.40	230.90	2,150.02	1.11	0.83	-0.73
11,400.00	88.20	359.60	9,074.88	2,242.39	231.32	2,245.00	3.64	-3.37	-1.37
11,496.00	89.90	0.10	9,076.47	2,338.37	231.07	2,340.97	1.85	1.77	0.52
11,591.00	89.40	359.40	9,077.05	2,433.36	230.65	2,435.96	0.91	-0.53	-0.74
11,687.00	89.10	358.60	9,078.31	2,529.34	228.98	2,531.91	0.89	-0.31	-0.83
11,782.00	88.40	359.30	9,080.38	2,624.30	227.23	2,626.84	1.04	-0.74	0.74
11,877.00	90.10	359.50	9,081.62	2,719.28	226.24	2,721.80	1.80	1.79	0.21
11,972.00	90.60	359.00	9,081.04	2,814.27	225.00	2,816.77	0.74	0.53	-0.53
12,066.00	90.90	359.60	9,079.81	2,908.26	223.85	2,910.73	0.71	0.32	0.64
12,161.00	90.00	0.90	9,079.07	3,003.25	224.26	3,005.73	1.66	-0.95	1.37
12,255.00	91.90	1.30	9,077.51	3,097.22	226.07	3,099.71	2.07	2.02	0.43
12,351.00	89.80	1.10	9,076.09	3,193.18	228.08	3,195.69	2.20	-2.19	-0.21
12,445.00	90.00	359.20	9,076.25	3,287.17	228.32	3,289.68	2.03	0.21	-2.02
12,541.00	89.50	359.50	9,076.67	3,383.17	227.23	3,385.65	0.61	-0.52	0.31
12,636.00	88.80	0.70	9,078.08	3,478.15	227.40	3,480.63	1.46	-0.74	1.26
12,731.00	89.60	1.50	9,079.40	3,573.13	229.22	3,575.62	1.19	0.84	0.84
12,826.00	89.70	359.20	9,079.98	3,668.12	229.80	3,670.61	2.42	0.11	-2.42
12,920.00	91.70	359.00	9,078.84	3,762.09	228.33	3,764.56	2.14	2.13	-0.21
13,015.00	89.90	358.60	9,077.51	3,857.06	226.34	3,859.50	1.94	-1.89	-0.42
13,111.00	89.70	358.00	9,077.84	3,953.02	223.49	3,955.41	0.66	-0.21	-0.62
13,207.00	89.70	357.00	9,078.35	4,048.92	219.30	4,051.26	1.04	0.00	-1.04
13,304.00	90.00	357.80	9,078.60	4,145.82	214.90	4,148.10	0.88	0.31	0.82
13,399.00	90.80	359.90	9,077.94	4,240.79	213.00	4,243.04	2.37	0.84	2.21
13,494.00	87.20	358.10	9,079.60	4,335.74	211.34	4,337.97	4.24	-3.79	-1.89
13,588.00	89.40	358.30	9,082.38	4,429.65	208.39	4,431.83	2.35	2.34	0.21
13,683.00	92.00	359.90	9,081.22	4,524.62	206.90	4,526.78	3.21	2.74	1.68
13,777.00	91.10	0.30	9,078.68	4,618.59	207.06	4,620.74	1.05	-0.96	0.43
13,873.00	91.00	0.20	9,076.92	4,714.57	207.48	4,716.72	0.15	-0.10	-0.10
13,968.00	91.00	359.00	9,075.26	4,809.55	206.82	4,811.68	1.26	0.00	-1.26
14,063.00	86.00	357.90	9,077.75	4,904.45	204.25	4,906.55	5.39	-5.26	-1.16
14,159.00	88.40	357.10	9,082.44	5,000.24	200.07	5,002.28	2.63	2.50	-0.83
14,254.00	90.60	359.40	9,083.27	5,095.18	197.17	5,097.18	3.35	2.32	2.42
14,350.00	92.50	0.10	9,080.67	5,191.14	196.75	5,193.12	2.11	1.98	0.73
14,445.00	90.80	0.80	9,077.94	5,286.09	197.49	5,288.08	1.94	-1.79	0.74
14,542.00	88.80	0.30	9,078.27	5,383.08	198.42	5,385.07	2.13	-2.06	-0.52
14,636.00	89.70	359.30	9,079.51	5,477.07	198.10	5,479.05	1.43	0.96	-1.06
14,732.00	89.80	359.40	9,079.92	5,573.06	197.01	5,575.02	0.15	0.10	0.10
14,827.00	87.60	358.80	9,082.08	5,668.02	195.52	5,669.96	2.40	-2.32	-0.63
14,922.00	89.30	357.30	9,084.65	5,762.92	192.28	5,764.81	2.39	1.79	-1.58
15,018.00	90.60	357.90	9,084.73	5,858.84	188.26	5,860.67	1.49	1.35	0.62

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
15,113.00	92.10	359.30	9,082.49	5,953.78	185.94	5,955.58	2.16	1.58	1.47	
15,210.00	92.20	0.60	9,078.86	6,050.71	185.86	6,052.50	1.34	0.10	1.34	
15,305.00	90.80	1.00	9,076.37	6,145.66	187.18	6,147.46	1.53	-1.47	0.42	
15,333.00	91.40	0.70	9,075.83	6,173.65	187.60	6,175.46	2.40	2.14	-1.07	
15,428.00	88.80	2.40	9,075.67	6,268.61	190.17	6,270.44	3.27	-2.74	1.79	
15,522.00	89.30	3.00	9,077.22	6,362.49	194.60	6,364.36	0.83	0.53	0.64	
15,618.00	88.00	1.00	9,079.49	6,458.40	197.95	6,460.31	2.48	-1.35	-2.08	
15,713.00	88.60	359.40	9,082.30	6,553.35	198.28	6,555.26	1.80	0.63	-1.68	
15,809.00	90.70	359.10	9,082.89	6,649.34	197.02	6,651.22	2.21	2.19	-0.31	
15,903.00	89.70	358.60	9,082.56	6,743.31	195.13	6,745.17	1.19	-1.06	-0.53	
15,998.00	88.30	358.00	9,084.22	6,838.26	192.32	6,840.07	1.60	-1.47	-0.63	
16,093.00	89.60	358.80	9,085.96	6,933.20	189.66	6,934.98	1.61	1.37	0.84	
16,187.00	89.20	358.70	9,086.95	7,027.17	187.61	7,028.92	0.44	-0.43	-0.11	
16,283.00	89.10	359.40	9,088.37	7,123.15	186.02	7,124.87	0.74	-0.10	0.73	
16,379.00	91.70	0.00	9,087.70	7,219.13	185.52	7,220.84	2.78	2.71	0.62	
16,475.00	90.50	0.10	9,085.86	7,315.12	185.60	7,316.82	1.25	-1.25	0.10	
16,570.00	88.70	359.80	9,086.52	7,410.11	185.52	7,411.80	1.92	-1.89	-0.32	
16,666.00	88.40	0.20	9,088.95	7,506.08	185.52	7,507.76	0.52	-0.31	0.42	
16,763.00	90.80	359.90	9,089.63	7,603.07	185.61	7,604.75	2.49	2.47	-0.31	
16,859.00	90.20	359.90	9,088.79	7,699.06	185.44	7,700.73	0.62	-0.62	0.00	
16,954.00	89.50	0.20	9,089.04	7,794.06	185.52	7,795.73	0.80	-0.74	0.32	
17,049.00	88.20	0.30	9,090.94	7,889.04	185.94	7,890.70	1.37	-1.37	0.11	
17,144.00	89.20	0.00	9,093.10	7,984.01	186.18	7,985.67	1.10	1.05	-0.32	
17,240.00	90.30	359.50	9,093.52	8,080.01	185.77	8,081.66	1.26	1.15	-0.52	
17,335.00	91.70	359.50	9,091.86	8,174.99	184.94	8,176.62	1.47	1.47	0.00	
17,430.00	90.30	359.20	9,090.20	8,269.97	183.86	8,271.58	1.51	-1.47	-0.32	
17,523.00	91.80	359.30	9,088.50	8,362.94	182.64	8,364.53	1.62	1.61	0.11	
17,618.00	90.80	359.30	9,086.34	8,457.91	181.48	8,459.48	1.05	-1.05	0.00	
17,713.00	90.40	0.40	9,085.35	8,552.90	181.23	8,554.46	1.23	-0.42	1.16	
17,808.00	89.30	0.40	9,085.60	8,647.90	181.90	8,649.46	1.16	-1.16	0.00	
17,903.00	89.00	359.50	9,087.01	8,742.89	181.81	8,744.44	1.00	-0.32	-0.95	
17,999.00	88.60	359.30	9,089.02	8,838.86	180.81	8,840.39	0.47	-0.42	-0.21	
18,095.00	89.70	358.60	9,090.44	8,934.83	179.05	8,936.34	1.36	1.15	-0.73	
18,190.00	88.20	357.10	9,092.18	9,029.74	175.49	9,031.20	2.23	-1.58	-1.58	
18,285.00	89.60	359.00	9,094.01	9,124.66	172.25	9,126.07	2.48	1.47	2.00	
18,380.00	90.60	359.60	9,093.84	9,219.65	171.09	9,221.04	1.23	1.05	0.63	
18,476.00	90.40	358.70	9,093.00	9,315.64	169.67	9,317.00	0.96	-0.21	-0.94	
18,574.00	91.20	0.20	9,091.63	9,413.62	168.73	9,414.97	1.73	0.82	1.53	
18,670.00	90.40	0.20	9,090.29	9,509.61	169.06	9,510.95	0.83	-0.83	0.00	
18,767.00	90.50	0.40	9,089.53	9,606.61	169.57	9,607.95	0.23	0.10	0.21	
18,862.00	89.20	359.50	9,089.78	9,701.60	169.49	9,702.94	1.66	-1.37	-0.95	
18,957.00	89.30	357.70	9,091.02	9,796.56	167.17	9,797.86	1.90	0.11	-1.89	
19,052.00	89.80	358.00	9,091.77	9,891.49	163.60	9,892.74	0.61	0.53	0.32	

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
19,147.00	91.10	359.40	9,091.02	9,986.46	161.45	9,987.68	2.01	1.37	1.47	
19,243.00	91.10	0.80	9,089.18	10,082.44	161.62	10,083.65	1.46	0.00	1.46	
19,338.00	89.80	358.70	9,088.43	10,177.43	161.20	10,178.63	2.60	-1.37	-2.21	
19,435.00	90.10	358.70	9,088.52	10,274.40	159.00	10,275.57	0.31	0.31	0.00	
19,530.00	91.20	359.60	9,087.44	10,369.39	157.59	10,370.53	1.50	1.16	0.95	
19,625.00	90.90	0.90	9,085.70	10,464.37	158.01	10,465.51	1.40	-0.32	1.37	
19,720.00	90.70	2.20	9,084.37	10,559.32	160.58	10,560.49	1.38	-0.21	1.37	
19,815.00	90.40	2.50	9,083.46	10,654.24	164.47	10,655.44	0.45	-0.32	0.32	
19,911.00	90.00	1.70	9,083.13	10,750.17	167.99	10,751.41	0.93	-0.42	-0.83	
20,005.00	89.40	1.30	9,083.62	10,844.14	170.45	10,845.40	0.77	-0.64	-0.43	
20,100.00	90.80	0.80	9,083.45	10,939.12	172.19	10,940.39	1.56	1.47	-0.53	
20,194.00	88.30	359.50	9,084.19	11,033.10	172.44	11,034.38	3.00	-2.66	-1.38	
20,290.00	88.70	358.70	9,086.70	11,129.06	170.93	11,130.31	0.93	0.42	-0.83	
20,386.00	88.90	358.50	9,088.72	11,225.01	168.58	11,226.22	0.29	0.21	-0.21	
20,481.00	89.20	357.90	9,090.29	11,319.95	165.60	11,321.12	0.71	0.32	-0.63	
20,576.00	89.40	358.30	9,091.45	11,414.89	162.45	11,416.02	0.47	0.21	0.42	
20,671.00	90.40	357.70	9,091.62	11,509.83	159.14	11,510.91	1.23	1.05	-0.63	
20,768.00	91.40	358.70	9,090.09	11,606.77	156.09	11,607.80	1.46	1.03	1.03	
20,863.00	93.10	358.60	9,086.36	11,701.66	153.85	11,702.67	1.79	1.79	-0.11	
20,958.00	93.80	358.10	9,080.65	11,796.45	151.12	11,797.41	0.90	0.74	-0.53	
21,053.00	95.30	357.70	9,073.11	11,891.09	147.65	11,892.00	1.63	1.58	-0.42	
21,088.00	96.00	357.53	9,069.66	11,925.88	146.20	11,926.78	2.06	2.00	-0.50	
Wellpath Crosses LTP										
21,093.00	96.10	357.50	9,069.14	11,930.85	145.99	11,931.74	2.06	2.00	-0.50	
21,137.18	96.10	357.50	9,064.44	11,974.74	144.07	11,975.61	0.00	0.00	0.00	
Nash Unit 201H PBHL_50FNL_355FEL p4										
21,145.00	96.10	357.50	9,063.61	11,982.51	143.73	11,983.37	0.00	0.00	0.00	
TD @ 72°FNL,386°FEL										

Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well Nash Unit 201H SHL
Project:	Eddy County, NM (NAD27) NMEZ US	TVD Reference:	3118+22 @ 3140.00usft (Perseus)
Site:	Nash Unit Pad	MD Reference:	3118+22 @ 3140.00usft (Perseus)
Well:	Nash Unit 201H SHL	North Reference:	Grid
Wellbore:	Nash Unit 201H SHL	Survey Calculation Method:	Minimum Curvature
Design:	Nash Unit 201H SHL (AsDrilled)	Database:	TP_EDM

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
Nash Unit 201H SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	472,146.50	629,666.50	32.2973498	-103.9136888
Nash Unit 201H BHL (7: - actual wellpath misses target center by 3.44usft at 21115.20usft MD (9066.78 TVD, 11952.91 N, 145.02 E) - Point	0.00	0.00	9,063.61	11,952.51	143.73	484,099.01	629,810.23	32.3302043	-103.9130720
Nash Unit 201H LTP_1(- actual wellpath misses target center by 31.62usft at 21084.53usft MD (9070.02 TVD, 11922.44 N, 146.35 E) - Point	0.00	0.00	9,084.00	11,925.00	174.60	484,071.50	629,841.10	32.3301283	-103.9129724
Nash Unit 201H PBHL_ - actual wellpath misses target center by 36.66usft at 21133.93usft MD (9064.79 TVD, 11971.51 N, 144.21 E) - Rectangle (sides W100.00 H11,783.76 D0.00)	0.00	0.00	9,085.00	11,975.00	174.60	484,121.50	629,841.10	32.3302658	-103.9129718
Nash Unit 201H LP p3 - actual wellpath misses target center by 33.01usft at 9346.09usft MD (9081.39 TVD, 192.97 N, 216.62 E) - Point	0.00	0.00	9,085.00	192.27	249.43	472,338.77	629,915.93	32.2978756	-103.9128792
Nash Unit 201H FTP_1 - actual wellpath misses target center by 33.92usft at 9351.58usft MD (9082.83 TVD, 198.27 N, 216.58 E) - Point	0.00	0.00	9,115.00	190.40	223.90	472,336.90	629,890.40	32.2978708	-103.9129618

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,239.00	9,048.99	90.94	216.91	Wellpath Crosses Unit Line @ Heel	
9,344.00	9,080.83	190.96	216.64	Wellpath Crosses FTP	
21,088.00	9,069.66	11,925.88	146.20	Wellpath Crosses LTP	
21,145.00	9,063.61	11,982.51	143.73	TD @ 72'FNL,386'FEL	

Checked By: _____ Approved By: _____ Date: _____

Well Name: NASH UNIT	Well Location: T23S / R30E / SEC 19 / NENE / 32.297472 / -103.914179	County or Parish/State: EDDY / NM
Well Number: 201H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM017056, NMNM0556863	Unit or CA Name: INITIAL BONE SPRING FMN PA A, NASH UNIT	Unit or CA Number: NMNM70992F, NMNM70992X
US Well Number: 3001545494	Well Status: Producing Oil Well	Operator: XTO ENERGY INCORPORATED

Notification

Sundry ID:	2658991	Type of Action:	First Production
Type of Submission:	Notification	Time Sundry Submitted:	2:10:15 PM
Date Sundry Submitted:	Feb 26, 2022		
First Production Date:	Feb 2, 2020	Wellbore Code	Completion Code
US Well Number:	3001545494	00	S1
First Production Remarks:	Ready Date: 02/01/2020 First Production Date: 2/2/2020		
Disposition:	Accepted		
Accepted Date:	02/28/2022		

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMNM0556863

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
891014168X

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
NASH UNIT 201H

2. Name of Operator

XTO ENERGY INCORPORATED

Contact: MELANIE COLLINS

E-Mail: melanie_collins@xtoenergy.com

9. API Well No.

30-015-45494-00-X1

3a. Address

6401 HOLIDAY HILL ROAD BLDG 5
MIDLAND, TX 79707

3b. Phone No. (include area code)

Ph: 432-218-3709

10. Field and Pool or Exploratory Area

FORTY NINER RIDGE-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T23S R30E NENE 90FNL 580FEL
32.297470 N Lat, 103.914177 W Lon

11. County or Parish, State

EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Production Start-up
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

XTO Energy, Inc. respectfully submits this sundry notice of completion operations and first oil of the referenced well.

08/20/2019-08/23/2019 MIRU. Pressure test casing to 7946 psi. Open sleeve.

08/24/2019-11/19/2019 Perf and stimulation operations in 58 stages, 2784 shots, from 9545 to 21,006 ft, with 1,167,215 gals of fluid and 28,647,642 lbs proppant.

11/23/2019-12/06/2019 Drill out plugs, set packer at 8482 ft. Run 2-7/8 in. tubing, set at 8468 ft. Burst disc.

Waiting on Flowback.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #497577 verified by the BLM Well Information System
For XTO ENERGY INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/09/2020 (20PP0803SE)

Name (Printed/Typed) MELANIE COLLINS

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/03/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROLEUM ENGINEER	Date 01/10/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office Carlsbad	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #497577

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	STARTUP SR	STARTUP SR
Lease:	NMNM0556863	NMNM0556863
Agreement:		891014168X (NMNM70992X)
Operator:	XTO ENERGY INC. 6401 HOLIDAY HILL RD BLDG 5 MIDLAND, TX 79707 Ph: 432-682-8873	XTO ENERGY INCORPORATED 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707 Ph: 432.683 2277
Admin Contact:	MELANIE COLLINS REGULATORY ANALYST E-Mail: melanie_collins@xtoenergy.com Ph: 432-218-3709	MELANIE COLLINS REGULATORY ANALYST E-Mail: melanie_collins@xtoenergy.com Ph: 432-218-3709
Tech Contact:	MELANIE COLLINS REGULATORY ANALYST E-Mail: melanie_collins@xtoenergy.com Ph: 432-218-3709	MELANIE COLLINS REGULATORY ANALYST E-Mail: melanie_collins@xtoenergy.com Ph: 432-218-3709
Location: State: County:	NM EDDY	NM EDDY
Field/Pool:	FORTY-NINER RIDGE; BONE S	FORTY NINER RIDGE-BONE SPRING
Well/Facility:	NASH UNIT 201H Sec 19 T23S R30E Mer NMP NENE 90FNL 580FEL 32.297470 N Lat, 103.914177 W Lon	NASH UNIT 201H Sec 19 T23S R30E NENE 90FNL 580FEL 32.297470 N Lat, 103.914177 W Lon

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 NASH UNIT									
								6. Well Number: 201H									
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																	
8. Name of Operator XTO ENERGY INC.						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 (OIL)											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County							
Surface:	A	19	23S	30E		90	North	580	East	Eddy							
BH:	P	6	23S	30E		1283	South	386	East	Eddy							
13. Date Spudded 12/20/2018	14. Date T.D. Reached 1/23/2019		15. Date Rig Released 1/26/2019			16. Date Completed (Ready to Produce) 2/1/2020		17. Elevations (DF and RKB, RT, GR, etc.) 3118' GL									
18. Total Measured Depth of Well 21,145			19. Plug Back Measured Depth 21,143			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run CBL									
22. Producing Interval(s), of this completion - Top, Bottom, Name 9,545 - 21,006 FORTY NINER RIDGE; BONE SPRING (OIL)																	
23. CASING RECORD (Report all strings set in well)																	
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED							
18 5/8"		87.5		378'		24"		785									
13 3/8"		68.0		3,386'		17 1/2"		3050									
9 5/8"		40.0		7,390		12 1/4"		1910									
5 1/2"		20.0		21,145		8 1/2"		3660									
24. LINER RECORD						25. TUBING RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET									
						2 7/8"	8,468	8,482									
26. Perforation record (interval, size, and number) 9,545 - 21,006 4spf, 2740 Total Shots 58 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>9,545 - 21,006</td> <td>583,607 bbl fluid + 28,647,642 lbs proppant</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	9,545 - 21,006	583,607 bbl fluid + 28,647,642 lbs proppant				
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																
9,545 - 21,006	583,607 bbl fluid + 28,647,642 lbs proppant																
28. PRODUCTION																	
Date First Production 2/2/2020		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing											
Date of Test 2/15/2020	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 2284	Gas - MCF 3211	Water - Bbl. 3672	Gas - Oil Ratio 1,406										
Flow Tubing Press. 800	Casing Pressure 700	Calculated 24-Hour Rate	Oil - Bbl. 2284	Gas - MCF 3211	Water - Bbl. 3672	Oil Gravity - API - (<i>Corr.</i>)											
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) 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>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</i>																	
Signature Cassie Evans			Printed Name Cassie Evans		Title Regulatory Analyst		Date 12/22/22										
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 405'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3199'	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 3422'	T. Morrison	
T. Drinkard	T. Bone Springs 7207"	T. Todilto	
T. Abo	T. Rustler 301'	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.....

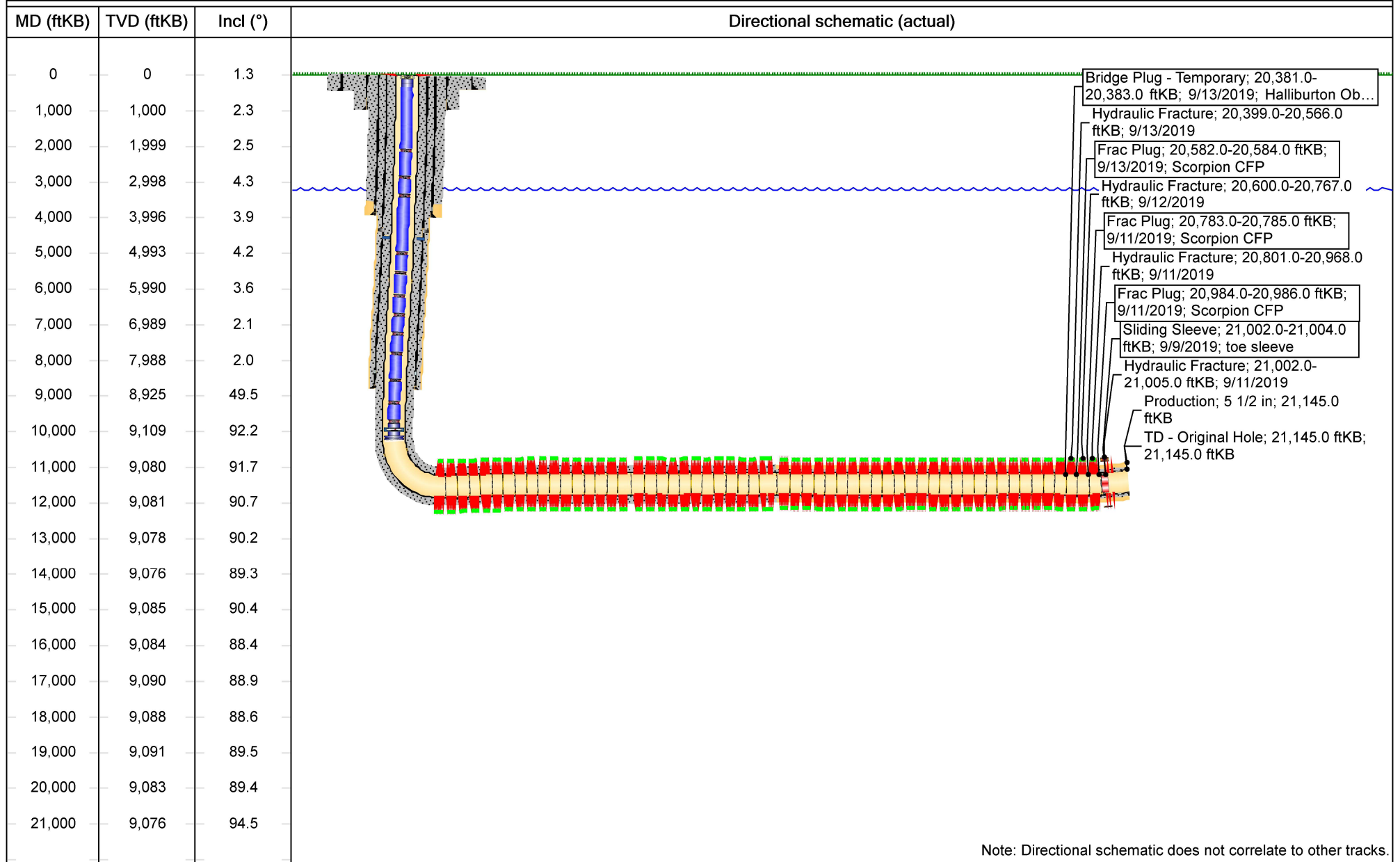
From	To	Thickness In Feet	Lithology



Schematic - Current Directional with Perfs

Well Name: NASH UNIT 201H

API/UWI 3001545494	SAP Cost Center ID 1653641001	Permit Number BLM	State/Province New Mexico	County Eddy	Ground Elevation (ft) 3,118.00	KB-Ground Distance (ft) 22.00	Surface Casing Flange Elevatio...
Surface Location T23S-R30E-S19	Spud Date 12/20/2018 11:30	Original KB Elevation (ft) 3,140.00					



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 169590

ACKNOWLEDGMENTS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 169590
	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.

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

CONDITIONS

Action 169590

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 169590
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	2/10/2023