

1625 N. French Dr., Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address XTO Energy, Inc. 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-46377	⁵ Pool Name WC 015 G08 S223017 K; Wolfcamp	⁶ Pool Code 98344
⁷ Property Code 327346	⁸ Property Name JRU DI 11 WHITLASH 251H	⁹ Well Number 251H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	17	22S	30E		1990	South	2420	West	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	13	22S	29E		2303	South	5	West	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373075	XTO Permian Operating 6401 Holiday Hill Rd bldg 5 Midland, TX 79707	G
373075	XTO Permian Operating 6401 Holiday Hill Rd bldg 5 Midland, TX 79707	W
005380	XTO Energy, Inc 6401 Holiday Hill Rd bldg 5 Midland, TX 79707	O

IV. Well Completion Data

²¹ Spud Date 1/12/2020	²² Ready Date 11/12/2020	²³ TD 23440 MD	²⁴ PBT 23433 MD	²⁵ Perforations 11600 - 23264	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24	18.625	665	2101		
17.5	13.375	3208	2650		
12.25	9.625	7861	2945		
8.5	5.5/ 2.875	23435/10,010	3900		

V. Well Test Data

³¹ Date New Oil 11/13/2020	³² Gas Delivery Date 11/13/2020	³³ Test Date 11/22/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 708	³⁶ Csg. Pressure 812
³⁷ Choke Size	³⁸ Oil 1733	³⁹ Water 6801	⁴⁰ Gas 2828		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: <i>Cassie Evans</i>			OIL CONSERVATION DIVISION		
Printed name: Cassie Evans			Approved by:		
Title: Regulatory Analyst			Title:		
E-mail Address: cassie.evans@exxonmobil.com			Approval Date:		
Date: 01/28/2021		Phone: 4322183671			

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 30-015-46377	² Pool Code 98344	³ Pool Name WC 015 G08 S223017 K Wolfcamp
⁴ Property Code 327346	⁵ Property Name JAMES RANCH UNIT DI 11 WHITLASH	⁶ Well Number 251H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,111'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	17	22S	30 E		1,990	SOUTH	2,420	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	13	22 S	29 E		2,303	SOUTH	5	WEST	EDDY

¹² Dedicated Acres 680.34	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division. NOTE: AS-DRILLED BOTTOM HOLE PLOTTED FROM DATA FURNISHED BY XTO ENERGY.

16 SEC. 14 SEC. 13 T22S R29E SEC. 18 T22S R30E SEC. 17 B.H.L. L.T.P. MD=23,297' LOT 3 LOT TABLE SECTION 18 LOT 3 - 40.34 ACRES 2,433' 2,420' 1,234' K.O.P. MD=9,907' S.H.L. F.T.P. MD=11,600' 2,309' 1,991' 1,990'				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>Cassie Evans</i> 01/25/2021 Signature Date Cassie Evans Printed Name cassie.evans@exxonmobile.com E-mail Address	
SEC. 23 SEC. 24 SEC. 19 SEC. 20				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. 11-2-2020 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number	
CORNER COORDINATES (NAD83 NME) A - Y = 505,375.8 N , X = 673,977.1 E B - Y = 506,694.9 N , X = 673,972.6 E C - Y = 505,369.1 N , X = 671,300.0 E D - Y = 506,688.0 N , X = 671,297.0 E E - Y = 505,365.5 N , X = 668,622.8 E F - Y = 506,684.4 N , X = 668,619.2 E G - Y = 505,361.9 N , X = 665,935.1 E H - Y = 506,680.9 N , X = 665,930.3 E I - Y = 505,370.0 N , X = 663,314.1 E J - Y = 506,688.6 N , X = 663,311.6 E K - Y = 505,378.1 N , X = 660,693.1 E L - Y = 506,696.4 N , X = 660,692.9 E				CORNER COORDINATES (NAD27 NME) A - Y = 505,315.1 N , X = 632,795.7 E B - Y = 506,634.1 N , X = 632,791.2 E C - Y = 505,308.3 N , X = 630,118.5 E D - Y = 506,627.2 N , X = 630,115.6 E E - Y = 505,304.7 N , X = 627,441.3 E F - Y = 506,623.7 N , X = 627,437.9 E G - Y = 505,301.2 N , X = 624,753.7 E H - Y = 506,620.1 N , X = 624,749.0 E I - Y = 505,309.3 N , X = 622,132.7 E J - Y = 506,627.9 N , X = 622,130.2 E K - Y = 505,317.4 N , X = 619,511.7 E L - Y = 506,635.7 N , X = 619,511.5 E	

Intent ☐ As Drilled ☒

API # 30-015-46377		
Operator Name: XTO PERMIAN OPERATING, LLC	Property Name: James Ranch Unit DI 11 Whitlash	Well Number 251H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	17	22S	30E		1990	South	2420	West	Eddy
Latitude 32.390460					Longitude -103.90456				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	17	22S	30E		2309	South	1234	West	Eddy
Latitude 32.391341					Longitude -103.904415				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	13	22S	29E		2302	South	148	West	Eddy
Latitude 32.391460					Longitude -103.946171				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NIs this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-46283		
Operator Name: XTO PERMIAN OPERATING, LLC	Property Name: James Ranch Unit DI 11 Whitlash	Well Number 515H

KZ 06/29/2018

I + 1 337.856-7201
1058 Baker Hughes Drive
Broussard, LA 70518, USA



1058 Baker Hughes Dr.
Broussard, LA 70518
Tel 337-856-7201 or 800-395-7201

State of New Mexico
County of Eddy

I, Gail Deering, Technical Support Specialist, certify that I am employed by Baker Hughes; did conduct or supervise on the day(s) of 01/11/2020 through 02/18/2020 conduct or supervise the taking of a MWD survey from a depth of 121 feet to a depth of 23440 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Baker Hughes; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Permian Operating LLC. for the James Ranch Unit DI 11 Whitlash No. 251H Well, API No. 3001546377000 in Purple Sage Wolfcamp Gas field; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Baker Hughes.

Gail Deering

Technical Support Specialist

SO#: 110217681



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

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REFERENCE WELLPATH IDENTIFICATION			
Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

REPORT SETUP INFORMATION			
Projection System	NAD27 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Gail Deering
Scale	0.999929	Report Generated	04/Mar/2020 at 11:19
Convergence at slot	0.23° East	Database	WA_HOU_Midland_Defn

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.50	380.33	632537.10	505985.30	32°23'25.2127"N	103°54'14.2552"W
Facility Reference Pt			632156.80	505984.80	32°23'25.2228"N	103°54'18.6905"W
Field Reference Pt			152400.30	0.00	30°59'42.8458"N	105°26'33.6593"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Precision 598 (KB) to Facility Vertical Datum	3140.00ft
Horizontal Reference Pt	Slot	Precision 598 (KB) to Mean Sea Level	3140.00ft
Vertical Reference Pt	Precision 598 (KB)	Precision 598 (KB) to Ground Level at Slot (JRU DI 11 Whitlash No. 251H)	25.00ft
MD Reference Pt	Precision 598 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	270.03°



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	306.210	0.00	0.00	0.00	0.00	632537.10	505985.30	32°23'25.2127"N	103°54'14.2552"W	0.00	0.00	0.00	
25.00	0.000	306.210	25.00	0.00	0.00	0.00	632537.10	505985.30	32°23'25.2127"N	103°54'14.2552"W	0.00	0.00	0.00	
121.00	0.430	306.210	121.00	0.29	0.21	-0.29	632536.81	505985.51	32°23'25.2148"N	103°54'14.2586"W	0.45	0.45	0.00	
210.00	0.150	279.250	210.00	0.68	0.43	-0.68	632536.42	505985.73	32°23'25.2170"N	103°54'14.2631"W	0.34	-0.31	-30.29	
334.00	0.300	20.060	334.00	0.72	0.76	-0.72	632536.38	505986.06	32°23'25.2202"N	103°54'14.2636"W	0.29	0.12	81.30	
427.00	0.260	21.400	427.00	0.56	1.19	-0.56	632536.54	505986.48	32°23'25.2244"N	103°54'14.2617"W	0.04	-0.04	1.44	
519.00	0.560	20.580	518.99	0.33	1.80	-0.33	632536.77	505987.10	32°23'25.2305"N	103°54'14.2590"W	0.33	0.33	-0.89	
610.00	0.440	50.170	609.99	-0.09	2.44	0.10	632537.20	505987.74	32°23'25.2368"N	103°54'14.2540"W	0.31	-0.13	32.52	24" Surface 121' - 610'
690.00	0.500	31.940	689.99	-0.51	2.93	0.52	632537.62	505988.23	32°23'25.2417"N	103°54'14.2491"W	0.20	0.08	-22.79	
781.00	0.680	60.310	780.98	-1.19	3.54	1.20	632538.30	505988.84	32°23'25.2477"N	103°54'14.2411"W	0.37	0.20	31.18	
872.00	0.410	52.120	871.98	-1.92	4.01	1.92	632539.02	505989.30	32°23'25.2522"N	103°54'14.2326"W	0.31	-0.30	-9.00	
964.00	0.650	65.340	963.97	-2.65	4.42	2.66	632539.76	505989.72	32°23'25.2564"N	103°54'14.2240"W	0.29	0.26	14.37	
1055.00	0.520	83.620	1054.97	-3.53	4.69	3.53	632540.63	505989.99	32°23'25.2589"N	103°54'14.2138"W	0.25	-0.14	20.09	
1147.00	0.430	70.350	1146.97	-4.27	4.85	4.27	632541.37	505990.15	32°23'25.2605"N	103°54'14.2051"W	0.15	-0.10	-14.42	
1237.00	0.330	54.090	1236.97	-4.80	5.11	4.80	632541.90	505990.41	32°23'25.2631"N	103°54'14.1990"W	0.16	-0.11	-18.07	
1328.00	0.370	81.270	1327.96	-5.30	5.31	5.31	632542.41	505990.61	32°23'25.2650"N	103°54'14.1931"W	0.19	0.04	29.87	
1417.00	0.190	169.790	1416.96	-5.61	5.21	5.62	632542.72	505990.51	32°23'25.2640"N	103°54'14.1895"W	0.46	-0.20	99.46	
1507.00	0.160	65.600	1506.96	-5.75	5.12	5.76	632542.86	505990.42	32°23'25.2631"N	103°54'14.1878"W	0.31	-0.03	-115.77	
1596.00	0.230	251.050	1595.96	-5.70	5.11	5.70	632542.80	505990.41	32°23'25.2630"N	103°54'14.1885"W	0.44	0.08	-196.12	
1686.00	0.850	271.770	1685.96	-4.86	5.07	4.86	632541.96	505990.37	32°23'25.2627"N	103°54'14.1983"W	0.71	0.69	23.02	
1775.00	0.910	268.030	1774.95	-3.49	5.07	3.50	632540.60	505990.37	32°23'25.2627"N	103°54'14.2142"W	0.09	0.07	-4.20	
1865.00	0.830	280.500	1864.94	-2.14	5.16	2.14	632539.24	505990.46	32°23'25.2637"N	103°54'14.2300"W	0.23	-0.09	13.86	
1954.00	0.800	271.250	1953.93	-0.88	5.29	0.89	632537.99	505990.59	32°23'25.2650"N	103°54'14.2446"W	0.15	-0.03	-10.39	
2044.00	0.560	300.570	2043.92	0.12	5.53	-0.12	632536.98	505990.83	32°23'25.2674"N	103°54'14.2564"W	0.46	-0.27	32.58	
2133.00	0.250	265.200	2132.92	0.69	5.73	-0.69	632536.41	505991.03	32°23'25.2695"N	103°54'14.2630"W	0.43	-0.35	-39.74	
2223.00	0.220	250.650	2222.92	1.05	5.66	-1.05	632536.05	505990.96	32°23'25.2688"N	103°54'14.2672"W	0.07	-0.03	-16.17	
2312.00	0.230	277.200	2311.92	1.39	5.63	-1.39	632535.71	505990.93	32°23'25.2684"N	103°54'14.2711"W	0.12	0.01	29.83	
2402.00	0.150	279.780	2401.92	1.68	5.67	-1.68	632535.42	505990.97	32°23'25.2689"N	103°54'14.2746"W	0.09	-0.09	2.87	
2492.00	0.130	221.910	2491.92	1.87	5.61	-1.87	632535.23	505990.91	32°23'25.2683"N	103°54'14.2767"W	0.15	-0.02	-64.30	
2581.00	0.210	193.350	2580.92	1.97	5.38	-1.97	632535.13	505990.68	32°23'25.2660"N	103°54'14.2779"W	0.13	0.09	-32.09	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
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REFERENCE WELLPATH IDENTIFICATION

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Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2671.00	0.180	191.050	2670.92	2.04	5.08	-2.04	632535.06	505990.38	32°23'25.2630"N	103°54'14.2787"W	0.03	-0.03	-2.56	
2761.00	0.460	151.700	2760.92	1.89	4.62	-1.89	632535.21	505989.92	32°23'25.2585"N	103°54'14.2771"W	0.38	0.31	-43.72	
2850.00	0.570	113.820	2849.91	1.32	4.13	-1.32	632535.78	505989.43	32°23'25.2536"N	103°54'14.2704"W	0.39	0.12	-42.56	
2940.00	0.550	119.440	2939.91	0.53	3.74	-0.53	632536.57	505989.04	32°23'25.2497"N	103°54'14.2612"W	0.06	-0.02	6.24	
3029.00	0.650	125.950	3028.90	-0.25	3.23	0.25	632537.35	505988.53	32°23'25.2447"N	103°54'14.2522"W	0.14	0.11	7.31	
3119.00	0.570	116.120	3118.90	-1.06	2.73	1.06	632538.16	505988.03	32°23'25.2397"N	103°54'14.2427"W	0.15	-0.09	-10.92	17 1/2" Intermediate Section 610' - 3119'
3230.00	0.440	110.890	3229.89	-1.96	2.34	1.96	632539.06	505987.64	32°23'25.2358"N	103°54'14.2323"W	0.12	-0.12	-4.71	
3300.00	0.480	94.890	3299.89	-2.50	2.22	2.50	632539.60	505987.52	32°23'25.2345"N	103°54'14.2259"W	0.19	0.06	-22.86	
3389.00	0.460	88.560	3388.89	-3.23	2.20	3.23	632540.33	505987.50	32°23'25.2343"N	103°54'14.2174"W	0.06	-0.02	-7.11	
3479.00	0.480	104.910	3478.89	-3.95	2.11	3.96	632541.06	505987.41	32°23'25.2334"N	103°54'14.2090"W	0.15	0.02	18.17	
3569.00	0.530	203.280	3568.88	-4.15	1.63	4.16	632541.26	505986.93	32°23'25.2286"N	103°54'14.2067"W	0.85	0.06	109.30	
3658.00	0.910	219.570	3657.88	-3.54	0.71	3.54	632540.64	505986.01	32°23'25.2195"N	103°54'14.2139"W	0.48	0.43	18.30	
3748.00	1.070	214.630	3747.86	-2.61	-0.54	2.61	632539.71	505984.76	32°23'25.2073"N	103°54'14.2248"W	0.20	0.18	-5.49	
3837.00	1.000	229.070	3836.85	-1.55	-1.73	1.55	632538.65	505983.57	32°23'25.1955"N	103°54'14.2372"W	0.30	-0.08	16.22	
3927.00	1.110	225.450	3926.83	-0.34	-2.86	0.34	632537.44	505982.44	32°23'25.1844"N	103°54'14.2514"W	0.14	0.12	-4.02	
4017.00	0.660	253.360	4016.82	0.78	-3.62	-0.78	632536.32	505981.68	32°23'25.1769"N	103°54'14.2645"W	0.68	-0.50	31.01	
4106.00	0.820	297.890	4105.82	1.83	-3.46	-1.84	632535.26	505981.84	32°23'25.1785"N	103°54'14.2768"W	0.65	0.18	50.03	
4196.00	0.950	295.400	4195.80	3.08	-2.84	-3.08	632534.02	505982.46	32°23'25.1847"N	103°54'14.2913"W	0.15	0.14	-2.77	
4285.00	0.930	292.120	4284.79	4.41	-2.25	-4.41	632532.69	505983.05	32°23'25.1906"N	103°54'14.3068"W	0.06	-0.02	-3.69	
4375.00	0.740	337.400	4374.78	5.31	-1.44	-5.31	632531.79	505983.86	32°23'25.1986"N	103°54'14.3173"W	0.74	-0.21	50.31	
4464.00	0.980	4.390	4463.77	5.48	-0.15	-5.48	632531.62	505985.15	32°23'25.2114"N	103°54'14.3191"W	0.52	0.27	30.33	
4554.00	1.160	6.120	4553.76	5.32	1.52	-5.32	632531.78	505986.82	32°23'25.2279"N	103°54'14.3172"W	0.20	0.20	1.92	
4644.00	0.740	49.960	4643.75	4.78	2.80	-4.78	632532.32	505988.10	32°23'25.2406"N	103°54'14.3108"W	0.90	-0.47	48.71	
4733.00	0.960	88.090	4732.74	3.60	3.19	-3.59	632533.51	505988.49	32°23'25.2444"N	103°54'14.2970"W	0.67	0.25	42.84	
4823.00	0.480	163.040	4822.73	2.73	2.86	-2.73	632534.37	505988.16	32°23'25.2411"N	103°54'14.2869"W	1.06	-0.53	83.28	
4913.00	0.940	202.190	4912.73	2.90	1.81	-2.90	632534.20	505987.11	32°23'25.2308"N	103°54'14.2889"W	0.72	0.51	43.50	
5002.00	1.050	203.480	5001.71	3.50	0.39	-3.50	632533.60	505985.69	32°23'25.2167"N	103°54'14.2960"W	0.13	0.12	1.45	
5092.00	0.090	158.330	5091.71	3.80	-0.43	-3.80	632533.30	505984.87	32°23'25.2086"N	103°54'14.2996"W	1.10	-1.07	-50.17	
5182.00	0.860	26.420	5181.70	3.48	0.11	-3.48	632533.62	505985.41	32°23'25.2139"N	103°54'14.2957"W	1.03	0.86	-146.57	
5271.00	0.760	30.320	5270.69	2.88	1.22	-2.88	632534.22	505986.51	32°23'25.2248"N	103°54'14.2887"W	0.13	-0.11	4.38	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5361.00	0.970	32.030	5360.68	2.18	2.38	-2.17	632534.93	505987.68	32°23'25.2363"N	103°54'14.2805"W	0.24	0.23	1.90	
5451.00	0.790	30.810	5450.67	1.45	3.55	-1.45	632535.65	505988.85	32°23'25.2479"N	103°54'14.2720"W	0.20	-0.20	-1.36	
5540.00	1.010	33.950	5539.66	0.70	4.73	-0.70	632536.40	505990.03	32°23'25.2595"N	103°54'14.2632"W	0.25	0.25	3.53	
5629.00	0.520	93.520	5628.66	-0.14	5.36	0.14	632537.24	505990.66	32°23'25.2657"N	103°54'14.2533"W	0.98	-0.55	66.93	
5719.00	0.890	136.970	5718.65	-1.02	4.82	1.03	632538.12	505990.12	32°23'25.2604"N	103°54'14.2430"W	0.69	0.41	48.28	
5809.00	0.940	143.860	5808.64	-1.94	3.72	1.94	632539.04	505989.01	32°23'25.2494"N	103°54'14.2325"W	0.13	0.06	7.66	
5898.00	0.990	148.230	5897.63	-2.77	2.47	2.77	632539.87	505987.77	32°23'25.2370"N	103°54'14.2228"W	0.10	0.06	4.91	
5988.00	0.750	145.130	5987.61	-3.52	1.33	3.52	632540.62	505986.63	32°23'25.2257"N	103°54'14.2141"W	0.27	-0.27	-3.44	
6078.00	0.910	144.200	6077.61	-4.27	0.26	4.27	632541.37	505985.56	32°23'25.2151"N	103°54'14.2054"W	0.18	0.18	-1.03	
6167.00	1.050	145.170	6166.59	-5.15	-0.98	5.15	632542.25	505984.32	32°23'25.2028"N	103°54'14.1952"W	0.16	0.16	1.09	
6257.00	0.640	209.330	6256.58	-5.38	-2.09	5.38	632542.48	505983.21	32°23'25.1918"N	103°54'14.1926"W	1.07	-0.46	71.29	
6347.00	1.020	254.640	6346.58	-4.36	-2.74	4.36	632541.46	505982.56	32°23'25.1854"N	103°54'14.2045"W	0.81	0.42	50.34	
6436.00	1.330	259.550	6435.56	-2.58	-3.14	2.58	632539.68	505982.16	32°23'25.1815"N	103°54'14.2253"W	0.37	0.35	5.52	
6526.00	1.400	246.070	6525.53	-0.55	-3.78	0.55	632537.65	505981.52	32°23'25.1753"N	103°54'14.2490"W	0.36	0.08	-14.98	
6616.00	0.660	262.870	6615.52	0.97	-4.29	-0.97	632536.13	505981.01	32°23'25.1703"N	103°54'14.2668"W	0.88	-0.82	18.67	
6705.00	0.240	341.690	6704.51	1.54	-4.17	-1.54	632535.56	505981.13	32°23'25.1715"N	103°54'14.2734"W	0.74	-0.47	88.56	
6795.00	0.540	340.090	6794.51	1.74	-3.60	-1.74	632535.36	505981.71	32°23'25.1772"N	103°54'14.2757"W	0.33	0.33	-1.78	
6884.00	0.370	335.700	6883.51	2.00	-2.94	-2.00	632535.10	505982.36	32°23'25.1837"N	103°54'14.2787"W	0.19	-0.19	-4.93	
6974.00	0.650	339.420	6973.51	2.30	-2.20	-2.30	632534.80	505983.10	32°23'25.1911"N	103°54'14.2822"W	0.31	0.31	4.13	
7063.00	0.610	341.690	7062.50	2.63	-1.27	-2.63	632534.47	505984.03	32°23'25.2002"N	103°54'14.2859"W	0.05	-0.04	2.55	
7153.00	0.700	352.720	7152.49	2.85	-0.27	-2.85	632534.25	505985.03	32°23'25.2101"N	103°54'14.2885"W	0.17	0.10	12.26	
7243.00	0.830	344.370	7242.49	3.10	0.90	-3.09	632534.01	505986.20	32°23'25.2217"N	103°54'14.2913"W	0.19	0.14	-9.28	
7332.00	0.810	335.890	7331.48	3.53	2.09	-3.53	632533.57	505987.39	32°23'25.2336"N	103°54'14.2962"W	0.14	-0.02	-9.53	
7422.00	0.950	330.430	7421.47	4.16	3.32	-4.15	632532.95	505988.62	32°23'25.2457"N	103°54'14.3035"W	0.18	0.16	-6.07	
7512.00	1.110	318.900	7511.45	5.10	4.63	-5.09	632532.01	505989.93	32°23'25.2587"N	103°54'14.3144"W	0.29	0.18	-12.81	
7601.00	1.180	308.450	7600.43	6.38	5.85	-6.38	632530.72	505991.15	32°23'25.2708"N	103°54'14.3293"W	0.25	0.08	-11.74	
7691.00	0.140	287.680	7690.43	7.21	6.46	-7.21	632529.89	505991.76	32°23'25.2769"N	103°54'14.3390"W	1.17	-1.16	-23.08	
7781.00	0.410	156.600	7780.43	7.19	6.20	-7.19	632529.91	505991.50	32°23'25.2743"N	103°54'14.3387"W	0.57	0.30	-145.64	12 1/4" Intermediate Section 3119' - 7781'
7887.00	0.560	163.800	7886.42	6.89	5.35	-6.89	632530.21	505990.65	32°23'25.2659"N	103°54'14.3353"W	0.15	0.14	6.79	
7977.00	0.490	187.360	7976.42	6.82	4.55	-6.82	632530.28	505989.85	32°23'25.2580"N	103°54'14.3345"W	0.25	-0.08	26.18	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8066.00	0.810	239.600	8065.41	7.41	3.85	-7.41	632529.69	505989.15	32°23'25.2511"N	103°54'14.3414"W	0.72	0.36	58.70	
8155.00	1.570	254.180	8154.39	9.13	3.20	-9.13	632527.98	505988.50	32°23'25.2447"N	103°54'14.3615"W	0.91	0.85	16.38	
8245.00	1.520	225.430	8244.36	11.16	2.03	-11.16	632525.94	505987.33	32°23'25.2332"N	103°54'14.3853"W	0.85	-0.06	-31.94	
8334.00	1.300	180.420	8333.34	12.01	0.19	-12.01	632525.09	505985.49	32°23'25.2150"N	103°54'14.3953"W	1.23	-0.25	-50.57	
8424.00	1.800	142.080	8423.31	11.15	-1.95	-11.15	632525.95	505983.35	32°23'25.1939"N	103°54'14.3853"W	1.25	0.56	-42.60	
8514.00	1.920	123.010	8513.26	9.01	-3.88	-9.02	632528.08	505981.42	32°23'25.1746"N	103°54'14.3605"W	0.70	0.13	-21.19	
8604.00	2.140	112.260	8603.20	6.19	-5.34	-6.20	632530.90	505979.96	32°23'25.1601"N	103°54'14.3277"W	0.49	0.24	-11.94	
8693.00	1.300	107.870	8692.16	3.69	-6.28	-3.70	632533.40	505979.02	32°23'25.1507"N	103°54'14.2986"W	0.95	-0.94	-4.93	
8783.00	0.910	123.970	8782.15	2.13	-6.99	-2.13	632534.97	505978.31	32°23'25.1436"N	103°54'14.2804"W	0.55	-0.43	17.89	
8872.00	0.800	139.970	8871.14	1.14	-7.86	-1.15	632535.95	505977.44	32°23'25.1349"N	103°54'14.2690"W	0.29	-0.12	17.98	
8961.00	1.160	171.540	8960.12	0.61	-9.23	-0.62	632536.48	505976.07	32°23'25.1214"N	103°54'14.2628"W	0.71	0.40	35.47	
9051.00	0.390	159.610	9050.12	0.37	-10.42	-0.37	632536.73	505974.88	32°23'25.1096"N	103°54'14.2601"W	0.87	-0.86	-13.26	
9140.00	0.390	42.520	9139.11	0.06	-10.48	-0.06	632537.04	505974.82	32°23'25.1090"N	103°54'14.2565"W	0.75	0.00	-131.56	
9230.00	1.210	13.340	9229.11	-0.37	-9.33	0.36	632537.46	505975.97	32°23'25.1204"N	103°54'14.2514"W	0.99	0.91	-32.42	
9320.00	1.250	20.170	9319.08	-0.92	-7.48	0.92	632538.02	505977.82	32°23'25.1386"N	103°54'14.2448"W	0.17	0.04	7.59	
9409.00	0.790	22.570	9408.07	-1.49	-6.01	1.49	632538.59	505979.30	32°23'25.1532"N	103°54'14.2381"W	0.52	-0.52	2.70	
9499.00	0.210	69.460	9498.07	-1.89	-5.37	1.88	632538.98	505979.93	32°23'25.1594"N	103°54'14.2335"W	0.74	-0.64	52.10	
9588.00	1.750	83.590	9587.05	-3.39	-5.17	3.39	632540.49	505980.13	32°23'25.1614"N	103°54'14.2160"W	1.74	1.73	15.88	
9678.00	2.610	79.610	9676.99	-6.77	-4.64	6.77	632543.87	505980.66	32°23'25.1665"N	103°54'14.1765"W	0.97	0.96	-4.42	
9768.00	1.810	57.040	9766.92	-9.98	-3.50	9.98	632547.07	505981.80	32°23'25.1777"N	103°54'14.1391"W	1.30	-0.89	-25.08	
9858.00	2.100	38.330	9856.87	-12.19	-1.43	12.19	632549.29	505983.87	32°23'25.1980"N	103°54'14.1131"W	0.77	0.32	-20.79	
9947.00	3.440	354.910	9945.77	-12.96	2.51	12.97	632550.06	505987.81	32°23'25.2370"N	103°54'14.1039"W	2.69	1.51	-48.79	
9992.00	5.630	338.410	9990.63	-12.03	5.90	12.03	632549.13	505991.20	32°23'25.2706"N	103°54'14.1146"W	5.62	4.87	-36.67	
10037.00	7.870	335.600	10035.31	-9.94	10.76	9.95	632547.05	505996.06	32°23'25.3188"N	103°54'14.1387"W	5.03	4.98	-6.24	
10082.00	12.800	333.130	10079.57	-6.41	18.02	6.42	632543.52	506003.32	32°23'25.3907"N	103°54'14.1795"W	11.00	10.96	-5.49	
10126.00	17.350	333.750	10122.05	-1.30	28.26	1.31	632538.41	506013.55	32°23'25.4922"N	103°54'14.2386"W	10.35	10.34	1.41	
10171.00	20.370	328.500	10164.63	5.77	40.96	-5.75	632531.35	506026.25	32°23'25.6182"N	103°54'14.3203"W	7.69	6.71	-11.67	
10215.00	24.630	318.570	10205.28	15.85	54.37	-15.83	632521.28	506039.67	32°23'25.7513"N	103°54'14.4372"W	12.94	9.68	-22.57	
10260.00	31.120	312.390	10245.05	30.67	69.26	-30.64	632506.46	506054.56	32°23'25.8992"N	103°54'14.6093"W	15.77	14.42	-13.73	
10304.00	37.020	310.260	10281.48	49.21	85.50	-49.16	632487.94	506070.80	32°23'26.0607"N	103°54'14.8245"W	13.68	13.41	-4.84	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
10349.00	41.680	309.210	10316.27	71.16	103.72	-71.10	632466.00	506089.02	32°23'26.2419"N	103°54'15.0796"W	10.46	10.36	-2.33	
10394.00	45.210	307.020	10348.94	95.52	122.80	-95.46	632441.65	506108.10	32°23'26.4316"N	103°54'15.3626"W	8.53	7.84	-4.87	
10439.00	49.570	304.540	10379.40	122.40	142.14	-122.33	632414.78	506127.43	32°23'26.6240"N	103°54'15.6751"W	10.50	9.69	-5.51	
10484.00	56.380	301.830	10406.48	152.48	161.76	-152.39	632384.72	506147.05	32°23'26.8194"N	103°54'16.0248"W	15.88	15.13	-6.02	
10529.00	60.040	301.000	10430.19	185.13	181.69	-185.03	632352.08	506166.97	32°23'27.0178"N	103°54'16.4045"W	8.28	8.13	-1.84	
10573.00	62.900	300.290	10451.20	218.40	201.39	-218.29	632318.83	506186.67	32°23'27.2141"N	103°54'16.7914"W	6.65	6.50	-1.61	
10618.00	65.420	299.820	10470.81	253.46	221.67	-253.34	632283.78	506206.95	32°23'27.4162"N	103°54'17.1992"W	5.68	5.60	-1.04	
10663.00	67.140	300.800	10488.91	289.03	242.46	-288.91	632248.21	506227.74	32°23'27.6233"N	103°54'17.6130"W	4.31	3.82	2.18	
10708.00	67.940	299.140	10506.11	325.07	263.23	-324.93	632212.19	506248.51	32°23'27.8303"N	103°54'18.0321"W	3.84	1.78	-3.69	
10753.00	69.200	296.920	10522.55	362.05	282.91	-361.90	632175.22	506268.19	32°23'28.0265"N	103°54'18.4624"W	5.38	2.80	-4.93	
10797.00	72.600	293.570	10536.95	399.66	300.63	-399.50	632137.62	506285.90	32°23'28.2033"N	103°54'18.9001"W	10.56	7.73	-7.61	
10842.00	76.370	291.320	10548.98	439.74	317.17	-439.57	632097.56	506302.45	32°23'28.3686"N	103°54'19.3665"W	9.66	8.38	-5.00	
10887.00	79.580	286.990	10558.36	481.31	331.60	-481.14	632056.00	506316.87	32°23'28.5130"N	103°54'19.8506"W	11.81	7.13	-9.62	
10932.00	80.890	282.670	10566.00	524.18	342.94	-524.00	632013.14	506328.22	32°23'28.6269"N	103°54'20.3499"W	9.90	2.91	-9.60	
10979.00	82.660	277.390	10572.73	569.97	351.03	-569.78	631967.36	506336.31	32°23'28.7088"N	103°54'20.8834"W	11.74	3.77	-11.23	
11024.00	83.000	271.930	10578.35	614.45	354.66	-614.27	631922.88	506339.93	32°23'28.7464"N	103°54'21.4020"W	12.06	0.76	-12.13	
11069.00	82.930	268.480	10583.86	659.11	354.82	-658.92	631878.23	506340.09	32°23'28.7498"N	103°54'21.9228"W	7.61	-0.16	-7.67	
11114.00	83.090	266.660	10589.34	703.73	352.93	-703.54	631833.61	506338.20	32°23'28.7328"N	103°54'22.4432"W	4.03	0.36	-4.04	
11158.00	83.930	265.960	10594.31	747.35	350.11	-747.17	631789.98	506335.39	32°23'28.7067"N	103°54'22.9521"W	2.48	1.91	-1.59	
11203.00	84.880	265.570	10598.70	792.02	346.80	-791.83	631745.32	506332.08	32°23'28.6757"N	103°54'23.4731"W	2.28	2.11	-0.87	
11248.00	85.250	265.640	10602.57	836.71	343.37	-836.54	631700.63	506328.64	32°23'28.6435"N	103°54'23.9946"W	0.84	0.82	0.16	
11293.00	85.590	265.240	10606.16	881.43	339.80	-881.25	631655.91	506325.08	32°23'28.6100"N	103°54'24.5162"W	1.16	0.76	-0.89	
11338.00	86.980	265.660	10609.08	926.19	336.24	-926.01	631611.16	506321.52	32°23'28.5765"N	103°54'25.0384"W	3.23	3.09	0.93	
11382.00	88.520	265.880	10610.81	970.03	333.00	-969.86	631567.31	506318.27	32°23'28.5461"N	103°54'25.5498"W	3.54	3.50	0.50	
11427.00	88.980	265.000	10611.79	1014.88	329.42	-1014.70	631522.47	506314.70	32°23'28.5125"N	103°54'26.0730"W	2.21	1.02	-1.96	
11472.00	91.050	264.980	10611.78	1059.70	325.49	-1059.53	631477.65	506310.77	32°23'28.4754"N	103°54'26.5959"W	4.60	4.60	-0.04	
11517.00	93.790	266.040	10609.88	1104.51	321.97	-1104.35	631432.83	506307.25	32°23'28.4423"N	103°54'27.1187"W	6.53	6.09	2.36	
11561.00	94.470	265.220	10606.71	1148.27	318.63	-1148.10	631389.08	506303.91	32°23'28.4110"N	103°54'27.6292"W	2.42	1.55	-1.86	
11606.00	93.330	266.700	10603.65	1193.05	315.47	-1192.89	631344.30	506300.74	32°23'28.3814"N	103°54'28.1515"W	4.15	-2.53	3.29	
11651.00	91.760	268.230	10601.65	1237.96	313.48	-1237.79	631299.40	506298.76	32°23'28.3635"N	103°54'28.6754"W	4.87	-3.49	3.40	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11696.00	91.910	267.880	10600.21	1282.91	311.95	-1282.75	631254.45	506297.23	82°23'28.3502"N	103°54'29.1996"W	0.85	0.33	-0.78	
11741.00	92.310	267.480	10598.55	1327.84	310.13	-1327.68	631209.52	506295.41	82°23'28.3340"N	103°54'29.7237"W	1.26	0.89	-0.89	
11786.00	91.820	269.110	10596.93	1372.79	308.79	-1372.63	631164.57	506294.07	82°23'28.3225"N	103°54'30.2479"W	3.78	-1.09	3.62	
11830.00	91.600	269.970	10595.62	1416.77	308.44	-1416.61	631120.60	506293.72	82°23'28.3207"N	103°54'30.7608"W	2.02	-0.50	1.95	
11875.00	91.970	270.200	10594.21	1461.75	308.51	-1461.58	631075.62	506293.78	82°23'28.3231"N	103°54'31.2853"W	0.97	0.82	0.51	
11920.00	93.570	270.720	10592.04	1506.69	308.87	-1506.53	631030.68	506294.14	82°23'28.3285"N	103°54'31.8095"W	3.74	3.56	1.16	
12009.00	93.600	270.570	10586.47	1595.51	309.87	-1595.35	630941.87	506295.14	82°23'28.3419"N	103°54'32.8452"W	0.17	0.03	-0.17	
12099.00	93.170	270.710	10581.16	1685.35	310.87	-1685.19	630852.04	506296.15	82°23'28.3553"N	103°54'33.8928"W	0.50	-0.48	0.16	
12188.00	91.790	269.810	10577.31	1774.26	311.27	-1774.10	630763.13	506296.55	82°23'28.3628"N	103°54'34.9297"W	1.85	-1.55	-1.01	
12277.00	91.660	269.800	10574.63	1863.22	310.97	-1863.06	630674.18	506296.25	82°23'28.3633"N	103°54'35.9671"W	0.15	-0.15	-0.01	
12367.00	87.850	268.920	10575.01	1953.20	309.97	-1953.03	630584.21	506295.24	82°23'28.3569"N	103°54'37.0164"W	4.34	-4.23	-0.98	3/4" Vertical; Curve and Lateral Section 7781' - 12367'
12502.00	90.370	269.150	10577.11	2088.15	307.69	-2087.99	630449.27	506292.97	82°23'28.3396"N	103°54'38.5903"W	1.87	1.87	0.17	
12592.00	93.200	270.350	10574.31	2178.09	307.30	-2177.93	630359.33	506292.58	82°23'28.3393"N	103°54'39.6393"W	3.42	3.14	1.33	
12682.00	93.270	270.140	10569.23	2267.95	307.68	-2267.79	630269.48	506292.96	82°23'28.3466"N	103°54'40.6871"W	0.25	0.08	-0.23	
12771.00	92.930	270.240	10564.42	2356.82	307.98	-2356.66	630180.62	506293.26	82°23'28.3530"N	103°54'41.7235"W	0.40	-0.38	0.11	
12861.00	93.020	270.220	10559.74	2446.70	308.34	-2446.53	630090.74	506293.62	82°23'28.3600"N	103°54'42.7716"W	0.10	0.10	-0.02	
12950.00	92.990	270.190	10555.08	2535.57	308.66	-2535.41	630001.87	506293.94	82°23'28.3667"N	103°54'43.8080"W	0.05	-0.03	-0.03	
13040.00	93.080	269.280	10550.31	2625.44	308.24	-2625.28	629912.01	506293.52	82°23'28.3660"N	103°54'44.8561"W	1.01	0.10	-1.01	
13129.00	92.990	269.470	10545.60	2714.31	307.27	-2714.15	629823.14	506292.55	82°23'28.3599"N	103°54'45.8925"W	0.24	-0.10	0.21	
13219.00	93.020	269.710	10540.88	2804.19	306.63	-2804.03	629733.28	506291.91	82°23'28.3570"N	103°54'46.9406"W	0.27	0.03	0.27	
13309.00	93.050	269.580	10536.12	2894.06	306.07	-2893.90	629643.41	506291.35	82°23'28.3550"N	103°54'47.9887"W	0.15	0.03	-0.14	
13398.00	93.140	269.550	10531.31	2982.93	305.40	-2982.77	629554.55	506290.68	82°23'28.3518"N	103°54'49.0251"W	0.11	0.10	-0.03	
13488.00	91.940	269.390	10527.32	3072.83	304.57	-3072.67	629464.65	506289.84	82°23'28.3471"N	103°54'50.0736"W	1.35	-1.33	-0.18	
13578.00	91.940	270.020	10524.28	3162.78	304.10	-3162.62	629374.71	506289.38	82°23'28.3460"N	103°54'51.1226"W	0.70	0.00	0.70	
13667.00	91.970	270.660	10521.24	3251.72	304.63	-3251.57	629285.77	506289.91	82°23'28.3546"N	103°54'52.1598"W	0.72	0.03	0.72	
13757.00	92.030	270.490	10518.10	3341.67	305.53	-3341.51	629195.84	506290.81	82°23'28.3671"N	103°54'53.2086"W	0.20	0.07	-0.19	
13847.00	91.940	270.420	10514.98	3431.61	306.25	-3431.45	629105.90	506291.53	82°23'28.3776"N	103°54'54.2575"W	0.13	-0.10	-0.08	
13936.00	92.000	269.790	10511.92	3520.56	306.41	-3520.40	629016.96	506291.69	82°23'28.3827"N	103°54'55.2948"W	0.71	0.07	-0.71	
14026.00	91.970	270.310	10508.81	3610.50	306.49	-3610.34	628927.02	506291.77	82°23'28.3869"N	103°54'56.3437"W	0.58	-0.03	0.58	
14116.00	92.060	270.940	10505.64	3700.44	307.47	-3700.28	628837.09	506292.75	82°23'28.4001"N	103°54'57.3925"W	0.71	0.10	0.70	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14205.00	90.830	270.650	10503.40	3789.40	308.70	-3789.24	628748.13	506293.98	32°23'28.4157"N	103°54'58.4299"W	1.42	-1.38	-0.33	
14295.00	91.140	270.400	10501.85	3879.39	309.53	-3879.22	628658.16	506294.81	32°23'28.4274"N	103°54'59.4792"W	0.44	0.34	-0.28	
14384.00	91.020	270.150	10500.17	3968.37	309.96	-3968.21	628569.18	506295.23	32°23'28.4350"N	103°55'0.5168"W	0.31	-0.13	-0.28	
14474.00	91.080	270.220	10498.52	4058.35	310.25	-4058.19	628479.20	506295.52	32°23'28.4414"N	103°55'1.5662"W	0.10	0.07	0.08	
14564.00	91.080	270.110	10496.83	4148.34	310.51	-4148.18	628389.23	506295.78	32°23'28.4474"N	103°55'2.6156"W	0.12	0.00	-0.12	
14654.00	91.110	270.280	10495.11	4238.32	310.81	-4238.16	628299.25	506296.09	32°23'28.4539"N	103°55'3.6649"W	0.19	0.03	0.19	
14743.00	91.110	270.150	10493.38	4327.30	311.15	-4327.14	628210.27	506296.42	32°23'28.4606"N	103°55'4.7026"W	0.15	0.00	-0.15	
14832.00	91.050	269.890	10491.71	4416.29	311.18	-4416.13	628121.30	506296.45	32°23'28.4643"N	103°55'5.7403"W	0.30	-0.07	-0.29	
14922.00	91.110	269.920	10490.01	4506.27	311.03	-4506.11	628031.32	506296.31	32°23'28.4663"N	103°55'6.7897"W	0.07	0.07	0.03	
15012.00	91.020	269.650	10488.34	4596.25	310.69	-4596.09	627941.34	506295.97	32°23'28.4664"N	103°55'7.8391"W	0.32	-0.10	-0.30	
15101.00	90.960	269.470	10486.80	4685.24	310.01	-4685.08	627852.36	506295.28	32°23'28.4631"N	103°55'8.8768"W	0.21	-0.07	-0.20	
15191.00	91.170	269.370	10485.13	4775.22	309.10	-4775.06	627762.39	506294.37	32°23'28.4575"N	103°55'9.9262"W	0.26	0.23	-0.11	
15280.00	91.110	269.270	10483.36	4864.19	308.04	-4864.03	627673.42	506293.32	32°23'28.4505"N	103°55'10.9638"W	0.13	-0.07	-0.11	
15370.00	91.080	269.210	10481.64	4954.17	306.85	-4954.01	627583.45	506292.12	32°23'28.4421"N	103°55'12.0131"W	0.07	-0.03	-0.07	
15459.00	90.960	269.340	10480.05	5043.15	305.72	-5042.99	627494.48	506291.00	32°23'28.4344"N	103°55'13.0508"W	0.20	-0.13	0.15	
15549.00	91.050	269.530	10478.47	5133.13	304.83	-5132.97	627404.50	506290.11	32°23'28.4290"N	103°55'14.1002"W	0.23	0.10	0.21	
15638.00	91.110	268.490	10476.80	5222.10	303.30	-5221.94	627315.54	506288.57	32°23'28.4172"N	103°55'15.1378"W	1.17	0.07	-1.17	
15728.00	91.140	269.380	10475.03	5312.06	301.62	-5311.90	627225.58	506286.90	32°23'28.4041"N	103°55'16.1871"W	0.99	0.03	0.99	
15818.00	91.260	269.320	10473.14	5402.04	300.60	-5401.88	627135.61	506285.88	32°23'28.3974"N	103°55'17.2364"W	0.15	0.13	-0.07	
15907.00	90.990	270.330	10471.40	5491.02	300.33	-5490.86	627046.64	506285.61	32°23'28.3981"N	103°55'18.2741"W	1.17	-0.30	1.13	
15997.00	90.990	271.510	10469.84	5580.99	301.78	-5580.83	626956.67	506287.05	32°23'28.4158"N	103°55'19.3232"W	1.31	0.00	1.31	
16087.00	90.250	271.060	10468.87	5670.96	303.79	-5670.81	626866.71	506289.07	32°23'28.4392"N	103°55'20.3724"W	0.96	-0.82	-0.50	
16176.00	91.140	271.310	10467.79	5759.94	305.63	-5759.78	626777.74	506290.91	32°23'28.4608"N	103°55'21.4099"W	1.04	1.00	0.28	
16266.00	91.020	271.430	10466.09	5849.90	307.79	-5849.74	626687.79	506293.06	32°23'28.4855"N	103°55'22.4589"W	0.19	-0.13	0.13	
16355.00	91.290	271.500	10464.30	5938.85	310.06	-5938.69	626598.84	506295.34	32°23'28.5114"N	103°55'23.4961"W	0.31	0.30	0.08	
16445.00	90.950	272.000	10462.54	6028.79	312.81	-6028.63	626508.91	506298.09	32°23'28.5420"N	103°55'24.5448"W	0.67	-0.38	0.56	
16534.00	90.990	271.790	10461.03	6117.73	315.75	-6117.57	626419.98	506301.03	32°23'28.5745"N	103°55'25.5819"W	0.24	0.04	-0.24	
16624.00	91.050	271.560	10459.43	6207.68	318.38	-6207.52	626330.04	506303.66	32°23'28.6039"N	103°55'26.6307"W	0.26	0.07	-0.26	
16714.00	91.020	271.360	10457.80	6297.64	320.67	-6297.47	626240.09	506305.95	32°23'28.6300"N	103°55'27.6797"W	0.22	-0.03	-0.22	
16803.00	90.990	271.390	10456.24	6386.60	322.81	-6386.43	626151.13	506308.09	32°23'28.6545"N	103°55'28.7170"W	0.05	-0.03	0.03	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
16893.00	91.140	270.900	10454.57	6476.57	324.61	-6476.40	626061.17	506309.88	32°23'28.6757"N	103°55'29.7661"W	0.57	0.17	-0.54	
16982.00	92.530	271.030	10451.72	6565.51	326.11	-6565.34	625972.24	506311.38	32°23'28.6939"N	103°55'30.8032"W	1.57	1.56	0.15	
17072.00	90.650	270.420	10449.22	6655.46	327.24	-6655.29	625882.29	506312.52	32°23'28.7086"N	103°55'31.8522"W	2.20	-2.09	-0.68	
17161.00	90.770	269.980	10448.12	6744.45	327.55	-6744.28	625793.31	506312.83	32°23'28.7150"N	103°55'32.8900"W	0.51	0.13	-0.49	
17251.00	90.740	269.510	10446.93	6834.45	327.15	-6834.28	625703.32	506312.43	32°23'28.7144"N	103°55'33.9394"W	0.52	-0.03	-0.52	
17341.00	91.050	269.220	10445.53	6924.43	326.16	-6924.26	625613.35	506311.43	32°23'28.7079"N	103°55'34.9888"W	0.47	0.34	-0.32	
17430.00	90.650	268.800	10444.21	7013.40	324.62	-7013.24	625524.38	506309.90	32°23'28.6961"N	103°55'36.0265"W	0.65	-0.45	-0.47	
17520.00	90.830	268.480	10443.05	7103.37	322.48	-7103.20	625434.41	506307.76	32°23'28.6783"N	103°55'37.0758"W	0.41	0.20	-0.36	
17610.00	90.800	268.990	10441.76	7193.34	320.50	-7193.17	625344.45	506305.77	32°23'28.6620"N	103°55'38.1251"W	0.57	-0.03	0.57	
17699.00	90.830	269.510	10440.50	7282.32	319.33	-7282.15	625255.48	506304.61	32°23'28.6539"N	103°55'39.1628"W	0.59	0.03	0.58	
17789.00	90.650	269.290	10439.34	7372.31	318.39	-7372.14	625165.50	506303.67	32°23'28.6479"N	103°55'40.2123"W	0.32	-0.20	-0.24	
17878.00	90.740	269.350	10438.26	7461.29	317.33	-7461.13	625076.51	506302.61	32°23'28.6408"N	103°55'41.2501"W	0.12	0.10	0.07	
17968.00	90.830	269.530	10437.02	7551.28	316.45	-7551.12	624986.53	506301.73	32°23'28.6355"N	103°55'42.2995"W	0.22	0.10	0.20	
18057.00	90.650	269.480	10435.87	7640.27	315.68	-7640.10	624897.55	506300.96	32°23'28.6312"N	103°55'43.3373"W	0.21	-0.20	-0.06	
18147.00	91.080	269.680	10434.52	7730.26	315.03	-7730.09	624807.57	506300.30	32°23'28.6280"N	103°55'44.3868"W	0.53	0.48	0.22	
18236.00	90.990	270.490	10432.91	7819.24	315.16	-7819.08	624718.59	506300.43	32°23'28.6327"N	103°55'45.4245"W	0.92	-0.10	0.91	
18326.00	91.050	271.560	10431.31	7909.21	316.77	-7909.05	624628.63	506302.04	32°23'28.6520"N	103°55'46.4736"W	1.19	0.07	1.19	
18415.00	91.020	272.460	10429.70	7998.14	319.89	-7997.98	624539.71	506305.16	32°23'28.6862"N	103°55'47.5106"W	1.01	-0.03	1.01	
18505.00	91.140	271.690	10428.00	8088.07	323.15	-8087.90	624449.79	506308.42	32°23'28.7218"N	103°55'48.5591"W	0.87	0.13	-0.86	
18595.00	90.920	270.590	10426.38	8178.04	324.94	-8177.87	624359.83	506310.21	32°23'28.7428"N	103°55'49.6082"W	1.25	-0.24	-1.22	
18684.00	91.110	270.420	10424.81	8267.02	325.72	-8266.85	624270.85	506311.00	32°23'28.7539"N	103°55'50.6458"W	0.29	0.21	-0.19	
18774.00	90.990	270.190	10423.16	8357.00	326.20	-8356.83	624180.88	506311.48	32°23'28.7620"N	103°55'51.6952"W	0.29	-0.13	-0.26	
18864.00	91.140	270.330	10421.49	8446.99	326.61	-8446.82	624090.90	506311.88	32°23'28.7694"N	103°55'52.7445"W	0.23	0.17	0.16	
18953.00	91.110	269.930	10419.74	8535.97	326.81	-8535.80	624001.92	506312.09	32°23'28.7747"N	103°55'53.7822"W	0.45	-0.03	-0.45	
19042.00	91.050	269.340	10418.06	8624.95	326.24	-8624.78	623912.95	506311.52	32°23'28.7724"N	103°55'54.8199"W	0.67	-0.07	-0.66	
19131.00	91.080	269.180	10416.41	8713.93	325.09	-8713.76	623823.98	506310.37	32°23'28.7643"N	103°55'55.8576"W	0.18	0.03	-0.18	
19221.00	91.080	268.670	10414.71	8803.89	323.41	-8803.73	623734.01	506308.68	32°23'28.7509"N	103°55'56.9069"W	0.57	0.00	-0.57	
19310.00	90.990	269.040	10413.10	8892.86	321.63	-8892.69	623645.05	506306.90	32°23'28.7366"N	103°55'57.9445"W	0.43	-0.10	0.42	
19400.00	90.950	269.690	10411.58	8982.84	320.63	-8982.67	623555.08	506305.91	32°23'28.7301"N	103°55'58.9939"W	0.72	-0.04	0.72	
19489.00	90.960	270.050	10410.10	9071.83	320.43	-9071.66	623466.10	506305.70	32°23'28.7314"N	103°56'00.0316"W	0.40	0.01	0.40	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

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REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
19579.00	91.630	270.590	10408.06	9161.80	320.93	-9161.64	623376.13	506306.21	32°23'28.7397"N	103°56'1.0809"W	0.96	0.74	0.60	
19668.00	91.510	270.390	10405.62	9250.77	321.69	-9250.60	623287.17	506306.97	32°23'28.7505"N	103°56'2.1183"W	0.26	-0.13	-0.22	
19758.00	91.480	270.930	10403.27	9340.73	322.73	-9340.56	623197.22	506308.00	32°23'28.7641"N	103°56'3.1674"W	0.60	-0.03	0.60	
19847.00	91.570	270.900	10400.91	9429.69	324.15	-9429.52	623108.27	506309.42	32°23'28.7814"N	103°56'4.2047"W	0.11	0.10	-0.03	
19937.00	91.600	270.660	10398.42	9519.65	325.37	-9519.48	623018.32	506310.65	32°23'28.7969"N	103°56'5.2537"W	0.27	0.03	-0.27	
20027.00	91.390	270.430	10396.07	9609.61	326.23	-9609.44	622928.36	506311.51	32°23'28.8087"N	103°56'6.3028"W	0.35	-0.23	-0.26	
20116.00	91.080	270.520	10394.15	9698.59	326.97	-9698.42	622839.39	506312.24	32°23'28.8192"N	103°56'7.3404"W	0.36	-0.35	0.10	
20206.00	91.020	270.250	10392.50	9788.57	327.57	-9788.40	622749.41	506312.85	32°23'28.8285"N	103°56'8.3898"W	0.31	-0.07	-0.30	
20295.00	90.770	270.520	10391.11	9877.56	328.17	-9877.39	622660.43	506313.45	32°23'28.8377"N	103°56'9.4275"W	0.41	-0.28	0.30	
20385.00	90.710	270.180	10389.95	9967.55	328.72	-9967.38	622570.45	506314.00	32°23'28.8465"N	103°56'10.4769"W	0.38	-0.07	-0.38	
20475.00	91.020	270.620	10388.59	10057.54	329.35	-10057.37	622480.47	506314.62	32°23'28.8560"N	103°56'11.5263"W	0.60	0.34	0.49	
20564.00	91.050	270.310	10386.98	10146.52	330.07	-10146.35	622391.49	506315.35	32°23'28.8664"N	103°56'12.5639"W	0.35	0.03	-0.35	
20654.00	90.990	269.700	10385.38	10236.51	330.08	-10236.33	622301.51	506315.35	32°23'28.8698"N	103°56'13.6133"W	0.68	-0.07	-0.68	
20744.00	90.920	269.150	10383.88	10326.49	329.17	-10326.32	622211.54	506314.45	32°23'28.8641"N	103°56'14.6627"W	0.62	-0.08	-0.61	
20833.00	91.390	269.610	10382.09	10415.46	328.21	-10415.29	622122.57	506313.49	32°23'28.8579"N	103°56'15.7004"W	0.74	0.53	0.52	
20922.00	90.830	270.450	10380.36	10504.45	328.26	-10504.27	622033.59	506313.53	32°23'28.8616"N	103°56'16.7381"W	1.13	-0.63	0.94	
21012.00	90.650	270.400	10379.20	10594.44	328.93	-10594.26	621943.61	506314.20	32°23'28.8715"N	103°56'17.7875"W	0.21	-0.20	-0.06	
21101.00	90.710	270.900	10378.14	10683.42	329.94	-10683.25	621854.62	506315.21	32°23'28.8847"N	103°56'18.8252"W	0.57	0.07	0.56	
21191.00	91.880	271.220	10376.11	10773.38	331.60	-10773.21	621764.67	506316.88	32°23'28.9045"N	103°56'19.8742"W	1.35	1.30	0.36	
21281.00	90.650	270.520	10374.12	10863.35	332.97	-10863.18	621674.71	506318.24	32°23'28.9213"N	103°56'20.9233"W	1.57	-1.37	-0.78	
21370.00	90.890	269.830	10372.93	10952.34	333.24	-10952.17	621585.73	506318.51	32°23'28.9272"N	103°56'21.9611"W	0.82	0.27	-0.78	
21459.00	91.170	269.400	10371.33	11041.32	332.64	-11041.15	621496.75	506317.92	32°23'28.9245"N	103°56'22.9988"W	0.58	0.31	-0.48	
21549.00	91.170	268.610	10369.49	11131.29	331.08	-11131.12	621406.79	506316.35	32°23'28.9124"N	103°56'24.0481"W	0.88	0.00	-0.88	
21638.00	91.290	267.850	10367.58	11220.23	328.33	-11220.06	621317.86	506313.60	32°23'28.8884"N	103°56'25.0854"W	0.86	0.13	-0.85	
21727.00	91.140	267.920	10365.69	11309.14	325.04	-11308.97	621228.95	506310.32	32°23'28.8591"N	103°56'26.1225"W	0.19	-0.17	0.08	
21817.00	91.170	268.340	10363.88	11399.08	322.11	-11398.91	621139.02	506307.39	32°23'28.8333"N	103°56'27.1714"W	0.47	0.03	0.47	
21906.00	91.360	268.280	10361.91	11488.01	319.48	-11487.85	621050.09	506304.76	32°23'28.8106"N	103°56'28.2087"W	0.22	0.21	-0.07	
21996.00	91.200	268.790	10359.90	11577.96	317.18	-11577.80	620960.15	506302.46	32°23'28.7911"N	103°56'29.2577"W	0.59	-0.18	0.57	
22086.00	90.400	269.010	10358.65	11667.93	315.46	-11667.77	620870.18	506300.73	32°23'28.7773"N	103°56'30.3071"W	0.92	-0.89	0.24	
22175.00	90.460	269.990	10357.98	11756.93	314.68	-11756.76	620781.19	506299.96	32°23'28.7728"N	103°56'31.3449"W	1.10	0.07	1.10	



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
Page 11 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

WELLPATH DATA (285 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
22265.00	90.550	270.700	10357.18	11846.92	315.22	-11846.76	620691.21	506300.50	32°23'28.7814"N	103°56'32.3944"W	0.80	0.10	0.79	
22355.00	90.520	270.860	10356.34	11936.91	316.45	-11936.74	620601.22	506301.72	32°23'28.7968"N	103°56'33.4437"W	0.18	-0.03	0.18	
22444.00	90.370	271.060	10355.65	12025.89	317.94	-12025.73	620512.25	506303.21	32°23'28.8148"N	103°56'34.4814"W	0.28	-0.17	0.22	
22534.00	90.430	271.100	10355.02	12115.88	319.63	-12115.71	620422.27	506304.91	32°23'28.8348"N	103°56'35.5307"W	0.08	0.07	0.04	
22623.00	90.710	270.710	10354.14	12204.86	321.04	-12204.70	620333.29	506306.32	32°23'28.8519"N	103°56'36.5683"W	0.54	0.31	-0.44	
22713.00	90.710	270.080	10353.02	12294.85	321.66	-12294.69	620243.31	506306.94	32°23'28.8613"N	103°56'37.6178"W	0.70	0.00	-0.70	
22802.00	90.710	269.740	10351.92	12383.85	321.52	-12383.68	620154.32	506306.80	32°23'28.8631"N	103°56'38.6556"W	0.38	0.00	-0.38	
22892.00	90.680	269.120	10350.83	12473.83	320.63	-12473.67	620064.34	506305.90	32°23'28.8575"N	103°56'39.7050"W	0.69	-0.03	-0.69	
22982.00	90.770	268.100	10349.69	12563.80	318.44	-12563.63	619974.38	506303.72	32°23'28.8392"N	103°56'40.7543"W	1.14	0.10	-1.13	
23071.00	90.770	268.950	10348.49	12652.76	316.15	-12652.59	619885.43	506301.43	32°23'28.8197"N	103°56'41.7918"W	0.95	0.00	0.96	
23161.00	90.770	269.430	10347.28	12742.74	314.88	-12742.58	619795.45	506300.16	32°23'28.8103"N	103°56'42.8413"W	0.53	0.00	0.53	
23250.00	90.650	270.240	10346.18	12831.73	314.62	-12831.57	619706.47	506299.90	32°23'28.8110"N	103°56'43.8791"W	0.92	-0.13	0.91	
23340.00	90.710	270.360	10345.11	12921.72	315.09	-12921.56	619616.48	506300.37	32°23'28.8189"N	103°56'44.9285"W	0.15	0.07	0.13	
23415.00	90.830	270.870	10344.11	12996.71	315.90	-12996.55	619541.50	506301.18	32°23'28.8295"N	103°56'45.8030"W	0.70	0.16	0.68	1/2" Lateral 12367' - 23415'
23440.00‡	90.830	270.870	10343.74	13021.71	316.28	-13021.54	619516.50	506301.56	32°23'28.8342"N	103°56'46.0945"W	0.00	0.00	0.00	Projection to TD @ 23440' MD



Actual Wellpath Report

JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'
Page 12 of 12



REFERENCE WELLPATH IDENTIFICATION

Operator	XTO Energy Inc.	Well	JRU DI 11 Whitlash No. 251H
Field	Wolfcamp (Eddy Co., NM)	API/Legal	
Facility	JRU DI 11 Whitlash A	Wellbore	JRU DI 11 Whitlash No. 251H AWB
Slot	JRU DI 11 Whitlash No. 251H		

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
JRU DI 11 Whitlash No. 251H LTP	10350.00	323.52	-12926.44	619611.60	506308.80	32°23'28.9025"N	103°56'44.9851"W	point
JRU DI 11 Whitlash No. 251H PBHL	10350.00	323.62	-12926.44	619611.60	506308.90	32°23'28.9035"N	103°56'44.9851"W	rectangle
	2D Rectangle 11829.1 x 100.							
JRU DI 11 Whitlash No. 251H FTP	10628.00	317.32	-1100.88	631436.30	506302.60	32°23'28.3962"N	103°54'27.0785"W	point

WELLPATH COMPOSITION - Ref Wellbore: JRU DI 11 Whitlash No. 251H AWB Ref Wellpath: JRU DI 11 Whitlash No. 251H AWB 121' - 23415' Proj: 23440'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore	Survey Date
25.00	610.00	BH NaviTrak (2019) (Axial)	24" Surface 121' - 610'	JRU DI 11 Whitlash No. 251H AWB	13/Jan/2020
610.00	3119.00	BH NaviTrak (2019) (Standard)	17 1/2" Intermediate Section 610' - 3119'	JRU DI 11 Whitlash No. 251H AWB	17/Jan/2020
3119.00	7781.00	BH NaviTrak (2019) (Standard)	12 1/4" Intermediate Section 3119' - 7781'	JRU DI 11 Whitlash No. 251H AWB	21/Jan/2020
7781.00	23440.00	BH Unknown Tool (Standard)	8 3/4" Vertical Section 7781' - 23415'	JRU DI 11 Whitlash No. 251H AWB	03/Feb/2020

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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 JRU DI 11 WHITLASH 6. Well Number: 251H				
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO ENERGY INC						9. OGRID 373075				
10. Address of Operator 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707						11. Pool name or Wildcat WILDCAT - Wolfcamp				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	17	22S	30E		1990	South	2420	West	Eddy
BH:	L	13	22S	29E		2303	South	5	West	Eddy
13. Date Spudded 1/12/2020	14. Date T.D. Reached 2/18/2020		15. Date Rig Released 2/23/2020		16. Date Completed (Ready to Produce) 11/12/2020			17. Elevations (DF and RKB, RT, GR, etc.) 3115 GL		
18. Total Measured Depth of Well 23440			19. Plug Back Measured Depth 23432		20. Was Directional Survey Made? yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11600' - 23263' WILD CAT; Wolfcamp										
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		665		24"		2101		
13 3/8"		68		3208		17 1/2"		2650		
9 5/8"		40		7861		12 1/4"		2945		
5 1/2"		23		23435		8 1/2"		3900		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		PACKER SET
								2 7/8"		9995'
26. Perforation record (interval, size, and number) 11600' - 23263' , 4spf, 1416 Total shots 59 stages					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					11600' - 23263		590,198 bbl fluid + 29,562,710 lbs proppant			
28. PRODUCTION										
Date First Production 11/13/2020		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 11/22/2020	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 1733	Gas - MCF 2828	Water - Bbl. 6801	Gas - Oil Ratio 1631			
Flow Tubing Press. 708	Casing Pressure 812	Calculated 24-Hour Rate	Oil - Bbl. 1733	Gas - MCF 2828	Water - Bbl. 6801	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 hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Cassie Evans</i>			Printed Name Cassie Evans		Title Regulatory Analyst			Date 01/30/2021		
E-mail Address cassie.evans@exxonmobil.com										

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 61	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 720	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	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 3400	T. Morrison	
T. Drinkard	T. Bone Springs 7168	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 10490	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 19973

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 19973
	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 19973

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 19973
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File BLM 3160-4 within 10 days to NMOCD after BLM approval.	6/15/2021