

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 & 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 373075
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 015-45698	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 325597	⁸ Property Name POKER LAKE UNIT 21 BD	⁹ Well Number 905H

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
O	21	25S	30E		330	South	2010	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
G	4	26S	30E		2105	North	2338	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
34053	Plains Marketing	O
248440	Western Refining	O
373073	XTO Permian Midstream	G/W

IV. Well Completion Data

²¹ Spud Date 11/12/2020	²² Ready Date 7/16/2022	²³ TD 24311 MD 11309 TVD	²⁴ MBTD 24298 MBTD 11309 TVD	²⁵ Perforations 11,921 TO 24,193	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14.75	11.75 J55 54#	1,349	1,185		
8.75	7.625 HCL80 29.7#	10,333	1,745		
6.75	5 P110 18#	24,300	1,160		
	2 7/8 L80 6.5#	10,753			

V. Well Test Data

³¹ Date New Oil 7/17/22	³² Gas Delivery Date 7/25/22	³³ Test Date 7/25/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 970	³⁶ Csg. Pressure 81
³⁷ Choke Size	³⁸ Oil 4839	³⁹ Water 3740	⁴⁰ Gas 7368		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:

Amanda Thames

Printed name:

Amanda Thames

Title:

Regulatory Analyst

E-mail Address:

amanda.thames@exxonmobil.com

Date:

8/15/2022

Phone:

432.221.7340

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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 30-015-45698	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325597	⁵ Property Name POKER LAKE UNIT 21 BD	⁶ Well Number 905H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,245'

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
O	21	25 S	30 E		330	SOUTH	2,010	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
G	4	26 S	30 E		2,105	NORTH	2,338	EAST	EDDY

¹² Dedicated Acres 800	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	SHL (NAD83 NME) Y = 403,791.6 X = 680,452.6 LAT. = 32.109305 "N LONG. = 103.884026 "W KOP (NAD83 NME) Y = 403,947.6 X = 680,131.9 LAT. = 32.109738 "N LONG. = 103.885059 "W FTP (NAD83 NME) Y = 403,084.9 X = 680,188.2 LAT. = 32.107366 "N LONG. = 103.884889 "W CORNER COORDINATES (NAD83 NME) <table border="0"> <tr><td>A - Y = 403,457.2 N</td><td>X = 679,791.0 E</td></tr> <tr><td>B - Y = 403,465.5 N</td><td>X = 681,128.1 E</td></tr> <tr><td>C - Y = 400,792.3 N</td><td>X = 679,808.6 E</td></tr> <tr><td>D - Y = 400,802.9 N</td><td>X = 681,136.1 E</td></tr> <tr><td>E - Y = 398,139.1 N</td><td>X = 679,826.0 E</td></tr> <tr><td>F - Y = 398,145.7 N</td><td>X = 681,144.0 E</td></tr> <tr><td>G - Y = 395,469.4 N</td><td>X = 679,810.7 E</td></tr> <tr><td>H - Y = 395,479.4 N</td><td>X = 681,135.0 E</td></tr> <tr><td>I - Y = 392,807.4 N</td><td>X = 679,795.4 E</td></tr> <tr><td>J - Y = 392,817.9 N</td><td>X = 681,125.6 E</td></tr> <tr><td>K - Y = 390,149.1 N</td><td>X = 679,809.3 E</td></tr> <tr><td>L - Y = 390,159.5 N</td><td>X = 681,138.4 E</td></tr> </table> SHL (NAD27 NME) Y = 403,733.3 X = 639,267.6 LAT. = 32.109180 "N LONG. = 103.883544 "W KOP (NAD27 NME) Y = 403,889.3 X = 638,946.9 LAT. = 32.109613 "N LONG. = 103.884577 "W FTP (NAD27 NME) Y = 403,026.6 X = 639,003.2 LAT. = 32.107241 "N LONG. = 103.884407 "W CORNER COORDINATES (NAD27 NME) <table border="0"> <tr><td>A - Y = 403,398.9 N</td><td>X = 638,606.0 E</td></tr> <tr><td>B - Y = 403,407.2 N</td><td>X = 639,943.0 E</td></tr> <tr><td>C - Y = 400,734.1 N</td><td>X = 638,623.5 E</td></tr> <tr><td>D - Y = 400,744.6 N</td><td>X = 639,951.0 E</td></tr> <tr><td>E - Y = 398,080.9 N</td><td>X = 638,640.8 E</td></tr> <tr><td>F - Y = 398,087.6 N</td><td>X = 639,958.7 E</td></tr> <tr><td>G - Y = 395,411.3 N</td><td>X = 638,625.4 E</td></tr> <tr><td>H - Y = 395,421.3 N</td><td>X = 639,949.7 E</td></tr> <tr><td>I - Y = 392,749.4 N</td><td>X = 638,610.1 E</td></tr> <tr><td>J - Y = 392,759.9 N</td><td>X = 639,940.2 E</td></tr> <tr><td>K - Y = 390,091.1 N</td><td>X = 638,623.9 E</td></tr> <tr><td>L - Y = 390,101.6 N</td><td>X = 639,952.9 E</td></tr> </table>	A - Y = 403,457.2 N	X = 679,791.0 E	B - Y = 403,465.5 N	X = 681,128.1 E	C - Y = 400,792.3 N	X = 679,808.6 E	D - Y = 400,802.9 N	X = 681,136.1 E	E - Y = 398,139.1 N	X = 679,826.0 E	F - Y = 398,145.7 N	X = 681,144.0 E	G - Y = 395,469.4 N	X = 679,810.7 E	H - Y = 395,479.4 N	X = 681,135.0 E	I - Y = 392,807.4 N	X = 679,795.4 E	J - Y = 392,817.9 N	X = 681,125.6 E	K - Y = 390,149.1 N	X = 679,809.3 E	L - Y = 390,159.5 N	X = 681,138.4 E	A - Y = 403,398.9 N	X = 638,606.0 E	B - Y = 403,407.2 N	X = 639,943.0 E	C - Y = 400,734.1 N	X = 638,623.5 E	D - Y = 400,744.6 N	X = 639,951.0 E	E - Y = 398,080.9 N	X = 638,640.8 E	F - Y = 398,087.6 N	X = 639,958.7 E	G - Y = 395,411.3 N	X = 638,625.4 E	H - Y = 395,421.3 N	X = 639,949.7 E	I - Y = 392,749.4 N	X = 638,610.1 E	J - Y = 392,759.9 N	X = 639,940.2 E	K - Y = 390,091.1 N	X = 638,623.9 E	L - Y = 390,101.6 N	X = 639,952.9 E	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <u>Amanda Thames</u> 8/15/2022 Signature Date Amanda Thames Printed Name amanda.thames@exxonmobil.com E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 7-7-2022 Date of Survey Signature and Seal of Professional Surveyor:  MARK DILLON HARP 23786 Certificate Number LS 2017071077
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Intent ☐ As Drilled ☒

API # 30-015-45698		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 21 BD	Well Number 905H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	21	25	30		488	FSL	2,330	FEL	EDDY
Latitude 32.109738					Longitude 103.885059				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	28	25	30		375	FNL	2,277	FEL	EDDY
Latitude 32.107366					Longitude 103.884889				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
G	4	26	30		1,987	FNL	2,343	FEL	EDDY
Latitude 32.073660					Longitude 103.885269				NAD 83

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

☒

Is this well an infill well?

☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



XTO Permian Operating, LLC

Eddy Co., NM

Poker Lake Unit 21 BD

PLU 21 BD 905H

905H - OH

Design: 905H - Surveys

Standard Survey Report

22 January, 2021





Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Project	Eddy Co., NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Poker Lake Unit 21 BD			
Site Position:		Northing:	403,785.000 usft	Latitude:	32° 6' 33.625969 N
From:	Map	Easting:	637,678.700 usft	Longitude:	103° 53' 19.227689 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.24 °

Well	PLU 21 BD 905H					
Well Position	+N/-S	0.00 ft	Northing:	403,733.300 usft	Latitude:	32° 6' 33.049092 N
	+E/-W	0.00 ft	Easting:	639,267.600 usft	Longitude:	103° 53' 0.756749 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,245.00 ft

Wellbore	905H - OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	11/26/2020	6.68	59.72	47,654.00000000

Design	905H - Surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	181.27	

Survey Program		Date	1/5/2021		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
211.00	24,311.00	Survey #1 SLB (905H - OH)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
211.00	1.27	258.11	210.98	-0.48	-2.29	0.53	0.60	0.60	0.00
302.00	0.60	285.60	301.97	-0.56	-3.73	0.64	0.87	-0.74	30.21
393.00	0.74	287.27	392.96	-0.26	-4.75	0.36	0.16	0.15	1.84
493.00	0.81	284.82	492.96	0.11	-6.05	0.02	0.08	0.07	-2.45
586.00	1.23	283.36	585.94	0.51	-7.66	-0.34	0.45	0.45	-1.57
679.00	1.14	297.76	678.92	1.17	-9.45	-0.96	0.33	-0.10	15.48
865.00	1.43	327.62	864.88	4.00	-12.33	-3.72	0.39	0.16	16.05
958.00	1.78	332.76	957.84	6.26	-13.61	-5.96	0.41	0.38	5.53



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,050.00	1.70	335.84	1,049.80	8.78	-14.83	-8.44	0.13	-0.09	3.35
1,143.00	1.69	335.22	1,142.76	11.28	-15.97	-10.92	0.02	-0.01	-0.67
1,237.00	2.30	358.37	1,236.70	14.42	-16.60	-14.05	1.06	0.65	24.63
1,296.00	2.80	13.44	1,295.64	17.01	-16.30	-16.64	1.41	0.85	25.54
1,426.00	2.57	4.54	1,425.50	23.00	-15.33	-22.66	0.37	-0.18	-6.85
1,519.00	2.57	2.37	1,518.41	27.16	-15.08	-26.82	0.10	0.00	-2.33
1,612.00	2.65	352.96	1,611.31	31.38	-15.26	-31.04	0.47	0.09	-10.12
1,705.00	2.55	349.97	1,704.21	35.55	-15.88	-35.19	0.18	-0.11	-3.22
1,798.00	3.51	343.14	1,797.08	40.31	-17.07	-39.93	1.10	1.03	-7.34
1,891.00	3.81	347.26	1,889.89	46.05	-18.57	-45.63	0.43	0.32	4.43
1,984.00	3.84	329.45	1,982.69	51.75	-20.84	-51.27	1.27	0.03	-19.15
2,078.00	3.42	338.90	2,076.50	57.07	-23.45	-56.54	0.78	-0.45	10.05
2,174.00	2.51	337.99	2,172.37	61.69	-25.27	-61.12	0.95	-0.95	-0.95
2,270.00	1.98	331.53	2,268.30	65.10	-26.84	-64.49	0.61	-0.55	-6.73
2,366.00	2.21	315.52	2,364.24	67.88	-28.93	-67.22	0.65	0.24	-16.68
2,462.00	2.55	319.37	2,460.15	70.82	-31.62	-70.10	0.39	0.35	4.01
2,556.00	2.76	319.02	2,554.05	74.12	-34.46	-73.34	0.22	0.22	-0.37
2,651.00	3.00	306.37	2,648.93	77.32	-37.97	-76.46	0.71	0.25	-13.32
2,746.00	3.66	302.88	2,743.77	80.44	-42.51	-79.48	0.73	0.69	-3.67
2,840.00	3.51	305.72	2,837.59	83.75	-47.37	-82.68	0.25	-0.16	3.02
2,934.00	3.12	306.18	2,931.43	86.94	-51.77	-85.77	0.42	-0.41	0.49
3,122.00	1.07	24.16	3,119.32	91.56	-55.18	-90.31	1.64	-1.09	41.48
3,216.00	2.94	104.46	3,213.27	91.76	-52.49	-90.57	3.14	1.99	85.43
3,311.00	3.21	136.18	3,308.14	89.23	-48.29	-88.14	1.79	0.28	33.39
3,405.00	4.13	136.94	3,401.95	84.86	-44.15	-83.86	0.98	0.98	0.81
3,500.00	7.23	137.28	3,496.47	77.97	-37.76	-77.11	3.26	3.26	0.36
3,595.00	8.75	144.81	3,590.55	67.67	-29.54	-67.00	1.94	1.60	7.93
3,689.00	6.53	174.40	3,683.74	56.50	-24.90	-55.93	4.73	-2.36	31.48
3,784.00	4.63	209.54	3,778.31	47.78	-26.26	-47.19	4.02	-2.00	36.99
3,879.00	4.30	220.68	3,873.03	41.75	-30.47	-41.06	0.97	-0.35	11.73
3,973.00	6.46	229.03	3,966.61	35.61	-36.76	-34.78	2.44	2.30	8.88
4,067.00	7.32	238.82	4,059.93	29.04	-45.88	-28.02	1.55	0.91	10.41
4,162.00	6.04	248.55	4,154.29	24.08	-55.71	-22.84	1.79	-1.35	10.24
4,256.00	7.78	283.99	4,247.64	23.81	-66.49	-22.33	4.80	1.85	37.70
4,351.00	9.20	292.81	4,341.60	28.31	-79.73	-26.53	2.02	1.49	9.28
4,445.00	9.75	310.27	4,434.34	36.37	-92.74	-34.30	3.10	0.59	18.57
4,539.00	9.10	320.26	4,527.08	47.23	-103.56	-44.92	1.87	-0.69	10.63
4,634.00	9.51	318.96	4,620.83	58.92	-113.52	-56.39	0.48	0.43	-1.37
4,728.00	9.12	316.54	4,713.59	70.19	-123.74	-67.43	0.59	-0.41	-2.57
4,823.00	8.06	314.74	4,807.52	80.34	-133.65	-77.36	1.15	-1.12	-1.89
4,917.00	9.24	321.01	4,900.45	90.85	-143.08	-87.65	1.61	1.26	6.67
5,012.00	9.72	325.91	4,994.15	103.42	-152.37	-100.01	0.99	0.51	5.16



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,105.00	9.77	323.48	5,085.81	116.26	-161.47	-112.65	0.45	0.05	-2.61
5,200.00	10.17	322.00	5,179.38	129.35	-171.43	-125.52	0.50	0.42	-1.56
5,294.00	9.25	320.23	5,272.03	141.69	-181.37	-137.64	1.03	-0.98	-1.88
5,389.00	8.93	319.13	5,365.84	153.14	-191.08	-148.87	0.38	-0.34	-1.16
5,483.00	7.79	315.06	5,458.84	163.16	-200.36	-158.68	1.37	-1.21	-4.33
5,578.00	7.30	314.55	5,553.02	171.96	-209.21	-167.28	0.52	-0.52	-0.54
5,672.00	7.05	312.60	5,646.28	180.05	-217.71	-175.18	0.37	-0.27	-2.07
5,767.00	7.37	312.68	5,740.53	188.13	-226.48	-183.06	0.34	0.34	0.08
5,861.00	7.75	333.59	5,833.73	197.89	-233.73	-192.66	2.94	0.40	22.24
5,956.00	7.59	337.99	5,927.88	209.45	-238.93	-204.10	0.64	-0.17	4.63
6,050.00	3.76	356.58	6,021.41	218.28	-241.44	-212.88	4.47	-4.07	19.78
6,145.00	2.51	353.09	6,116.26	223.46	-241.88	-218.04	1.33	-1.32	-3.67
6,239.00	2.37	336.73	6,210.18	227.29	-242.89	-221.85	0.75	-0.15	-17.40
6,333.00	1.62	336.45	6,304.12	230.29	-244.19	-224.82	0.80	-0.80	-0.30
6,428.00	1.44	326.95	6,399.09	232.52	-245.38	-227.03	0.33	-0.19	-10.00
6,523.00	0.91	331.20	6,494.07	234.18	-246.40	-228.66	0.57	-0.56	4.47
6,617.00	0.73	343.89	6,588.06	235.41	-246.92	-229.88	0.27	-0.19	13.50
6,712.00	0.45	320.11	6,683.05	236.28	-247.33	-230.74	0.39	-0.29	-25.03
6,806.00	0.57	272.84	6,777.05	236.59	-248.03	-231.03	0.45	0.13	-50.29
6,900.00	0.46	237.15	6,871.05	236.40	-248.82	-230.83	0.35	-0.12	-37.97
6,995.00	0.48	240.15	6,966.04	236.00	-249.48	-230.41	0.03	0.02	3.16
7,089.00	1.02	214.37	7,060.04	235.11	-250.30	-229.51	0.66	0.57	-27.43
7,184.00	1.35	214.40	7,155.02	233.49	-251.40	-227.86	0.35	0.35	0.03
7,278.00	1.57	205.35	7,248.99	231.41	-252.58	-225.76	0.34	0.23	-9.63
7,372.00	1.79	205.28	7,342.94	228.92	-253.76	-223.24	0.23	0.23	-0.07
7,467.00	1.81	206.31	7,437.90	226.24	-255.06	-220.53	0.04	0.02	1.08
7,561.00	2.10	208.38	7,531.84	223.39	-256.54	-217.65	0.32	0.31	2.20
7,655.00	2.48	197.03	7,625.77	219.93	-257.95	-214.16	0.63	0.40	-12.07
7,749.00	1.97	194.34	7,719.70	216.42	-258.95	-210.63	0.55	-0.54	-2.86
7,844.00	1.64	204.35	7,814.65	213.60	-259.91	-207.79	0.48	-0.35	10.54
7,938.00	1.33	231.05	7,908.62	211.69	-261.31	-205.85	0.80	-0.33	28.40
8,033.00	0.80	316.36	8,003.61	211.48	-262.63	-205.60	1.57	-0.56	89.80
8,127.00	1.18	328.25	8,097.59	212.77	-263.59	-206.88	0.46	0.40	12.65
8,221.00	1.75	308.35	8,191.56	214.49	-265.23	-208.56	0.80	0.61	-21.17
8,316.00	3.05	292.36	8,286.48	216.35	-268.70	-210.34	1.53	1.37	-16.83
8,411.00	3.53	304.46	8,381.32	218.97	-273.45	-212.85	0.89	0.51	12.74
8,505.00	4.18	301.19	8,475.11	222.38	-278.77	-216.14	0.73	0.69	-3.48
8,600.00	2.89	296.43	8,569.93	225.24	-283.87	-218.89	1.39	-1.36	-5.01
8,694.00	2.77	277.01	8,663.81	226.57	-288.25	-220.12	1.02	-0.13	-20.66
8,789.00	2.29	279.58	8,758.72	227.16	-292.40	-220.63	0.52	-0.51	2.71
8,883.00	1.90	283.19	8,852.66	227.83	-295.77	-221.22	0.44	-0.41	3.84
8,978.00	1.82	261.26	8,947.61	227.96	-298.79	-221.28	0.75	-0.08	-23.08



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,072.00	1.24	239.99	9,041.58	227.23	-301.15	-220.50	0.85	-0.62	-22.63
9,167.00	1.90	209.13	9,136.54	225.34	-302.81	-218.57	1.11	0.69	-32.48
9,262.00	3.17	178.89	9,231.45	221.33	-303.52	-214.55	1.90	1.34	-31.83
9,356.00	4.06	176.83	9,325.26	215.41	-303.29	-208.64	0.96	0.95	-2.19
9,451.00	5.50	166.63	9,419.93	207.63	-302.05	-200.88	1.75	1.52	-10.74
9,546.00	6.01	161.29	9,514.45	198.49	-299.40	-191.80	0.78	0.54	-5.62
9,640.00	4.48	153.98	9,608.06	190.53	-296.21	-183.91	1.77	-1.63	-7.78
9,734.00	4.14	158.22	9,701.79	184.08	-293.34	-177.53	0.50	-0.36	4.51
9,829.00	2.94	151.35	9,796.61	178.75	-290.90	-172.26	1.34	-1.26	-7.23
9,923.00	2.06	185.37	9,890.52	174.95	-289.90	-168.49	1.79	-0.94	36.19
10,017.00	3.48	237.02	9,984.43	171.72	-292.45	-165.20	2.90	1.51	54.95
10,111.00	3.95	239.03	10,078.23	168.50	-297.62	-161.86	0.52	0.50	2.14
10,205.00	3.43	247.12	10,172.03	165.74	-302.99	-158.98	0.78	-0.55	8.61
10,268.00	3.28	247.52	10,234.93	164.32	-306.39	-157.49	0.24	-0.24	0.63
10,364.00	2.82	250.38	10,330.79	162.48	-311.15	-155.54	0.50	-0.48	2.98
10,458.00	1.99	239.47	10,424.71	160.87	-314.74	-153.85	1.00	-0.88	-11.61
10,553.00	1.32	239.42	10,519.67	159.48	-317.10	-152.41	0.71	-0.71	-0.05
10,647.00	1.53	237.63	10,613.64	158.25	-319.09	-151.14	0.23	0.22	-1.90
10,742.00	1.30	207.95	10,708.61	156.62	-320.67	-149.48	0.80	-0.24	-31.24
Actual KOP @ 10742' MD									
10,789.00	5.23	176.97	10,755.53	154.01	-320.81	-146.86	8.87	8.36	-65.91
10,836.00	12.36	169.30	10,801.94	146.92	-319.76	-139.80	15.34	15.17	-16.32
10,883.00	20.74	162.51	10,846.96	134.02	-316.32	-126.97	18.27	17.83	-14.45
10,930.00	29.16	166.51	10,889.54	114.91	-311.13	-107.98	18.26	17.91	8.51
11,024.00	33.75	175.95	10,969.75	66.54	-303.94	-59.78	7.15	4.88	10.04
11,118.00	40.78	179.06	11,044.52	9.72	-301.59	-3.03	7.74	7.48	3.31
11,212.00	45.81	178.21	11,112.92	-54.70	-300.03	61.34	5.39	5.35	-0.90
11,306.00	48.21	179.21	11,177.01	-123.44	-298.50	130.02	2.67	2.55	1.06
11,401.00	59.67	176.87	11,232.84	-200.05	-295.76	206.55	12.22	12.06	-2.46
11,495.00	71.91	175.97	11,271.32	-285.45	-290.38	291.81	13.05	13.02	-0.96
11,590.00	79.79	177.43	11,294.52	-377.34	-285.11	383.56	8.43	8.29	1.54
11,684.00	87.56	177.86	11,304.87	-470.62	-281.27	476.73	8.28	8.27	0.46
Actual LP @ 11684' MD									
11,778.00	87.23	175.89	11,309.14	-564.37	-276.15	570.36	2.12	-0.35	-2.10
11,797.00	86.99	175.53	11,310.10	-583.30	-274.73	589.24	2.28	-1.26	-1.89
11,872.56	86.65	175.02	11,314.29	-658.48	-268.52	664.27	0.80	-0.45	-0.67
PLU 21 BD 905H - FTP									
11,877.00	86.63	174.99	11,314.55	-662.90	-268.14	668.68	0.80	-0.45	-0.67
Cross 330°HL @ 11877' MD									
11,891.00	86.57	174.90	11,315.38	-676.82	-266.91	682.57	0.80	-0.45	-0.67
11,985.00	86.13	175.57	11,321.37	-770.30	-259.11	775.86	0.85	-0.47	0.71
12,079.00	85.12	180.50	11,328.54	-863.94	-255.90	869.40	5.34	-1.07	5.24



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
12,174.00	86.12	183.91	11,335.80	-958.58	-259.54	964.10	3.73	1.05	3.59	
12,268.00	91.51	184.95	11,337.74	-1,052.24	-266.80	1,057.90	5.84	5.73	1.11	
12,363.00	91.23	185.82	11,335.47	-1,146.80	-275.71	1,152.63	0.96	-0.29	0.92	
12,457.00	91.12	185.76	11,333.54	-1,240.30	-285.19	1,246.31	0.13	-0.12	-0.06	
12,551.00	90.94	186.23	11,331.85	-1,333.77	-295.01	1,339.98	0.54	-0.19	0.50	
12,646.00	91.26	186.29	11,330.03	-1,428.18	-305.37	1,434.60	0.34	0.34	0.06	
12,740.00	91.11	183.44	11,328.09	-1,521.82	-313.34	1,528.39	3.04	-0.16	-3.03	
12,834.00	91.47	182.19	11,325.97	-1,615.68	-317.95	1,622.33	1.38	0.38	-1.33	
12,929.00	91.15	181.78	11,323.80	-1,710.60	-321.24	1,717.29	0.55	-0.34	-0.43	
13,023.00	91.12	181.40	11,321.93	-1,804.54	-323.85	1,811.27	0.41	-0.03	-0.40	
13,117.00	91.04	181.39	11,320.16	-1,898.50	-326.14	1,905.26	0.09	-0.09	-0.01	
13,212.00	91.16	179.36	11,318.34	-1,993.47	-326.76	2,000.22	2.14	0.13	-2.14	
13,307.00	91.06	178.71	11,316.50	-2,088.44	-325.16	2,095.13	0.69	-0.11	-0.68	
13,401.00	90.17	178.72	11,315.49	-2,182.41	-323.05	2,189.03	0.95	-0.95	0.01	
13,495.00	90.29	179.02	11,315.11	-2,276.39	-321.20	2,282.95	0.34	0.13	0.32	
13,589.00	88.68	178.40	11,315.96	-2,370.36	-319.08	2,376.85	1.84	-1.71	-0.66	
13,683.00	88.94	178.27	11,317.91	-2,464.30	-316.35	2,470.71	0.31	0.28	-0.14	
13,778.00	89.30	178.93	11,319.37	-2,559.26	-314.03	2,565.59	0.79	0.38	0.69	
13,872.00	89.15	178.74	11,320.64	-2,653.23	-312.12	2,659.50	0.26	-0.16	-0.20	
13,966.00	89.10	178.94	11,322.08	-2,747.20	-310.22	2,753.40	0.22	-0.05	0.21	
14,060.00	89.06	179.26	11,323.58	-2,841.18	-308.74	2,847.32	0.34	-0.04	0.34	
14,155.00	89.87	179.56	11,324.47	-2,936.17	-307.76	2,942.27	0.91	0.85	0.32	
14,249.00	90.31	179.52	11,324.32	-3,030.16	-307.01	3,036.22	0.47	0.47	-0.04	
14,344.00	89.90	178.70	11,324.15	-3,125.15	-305.53	3,131.15	0.97	-0.43	-0.86	
14,438.00	90.28	178.07	11,324.00	-3,219.11	-302.88	3,225.03	0.78	0.40	-0.67	
14,533.00	90.27	178.74	11,323.55	-3,314.07	-300.24	3,319.91	0.71	-0.01	0.71	
14,627.00	90.35	179.18	11,323.04	-3,408.06	-298.53	3,413.84	0.48	0.09	0.47	
14,722.00	89.99	178.78	11,322.76	-3,503.04	-296.84	3,508.76	0.57	-0.38	-0.42	
14,816.00	89.99	178.81	11,322.77	-3,597.02	-294.86	3,602.67	0.03	0.00	0.03	
14,910.00	90.29	181.49	11,322.54	-3,691.01	-295.11	3,696.65	2.87	0.32	2.85	
15,005.00	90.13	179.57	11,322.19	-3,786.00	-295.99	3,791.63	2.03	-0.17	-2.02	
15,099.00	90.01	178.82	11,322.08	-3,879.99	-294.67	3,885.57	0.81	-0.13	-0.80	
15,194.00	90.48	179.03	11,321.67	-3,974.97	-292.89	3,980.49	0.54	0.49	0.22	
15,289.00	90.28	179.52	11,321.04	-4,069.96	-291.68	4,075.43	0.56	-0.21	0.52	
15,383.00	89.85	179.07	11,320.94	-4,163.96	-290.53	4,169.37	0.66	-0.46	-0.48	
15,477.00	89.71	178.77	11,321.30	-4,257.94	-288.76	4,263.29	0.35	-0.15	-0.32	
15,571.00	90.13	178.51	11,321.43	-4,351.91	-286.52	4,357.19	0.53	0.45	-0.28	
15,666.00	90.15	179.18	11,321.20	-4,446.89	-284.61	4,452.11	0.71	0.02	0.71	
15,760.00	90.27	179.27	11,320.85	-4,540.88	-283.34	4,546.05	0.16	0.13	0.10	
15,855.00	89.78	179.08	11,320.81	-4,635.87	-281.97	4,640.98	0.55	-0.52	-0.20	
15,949.00	88.75	179.35	11,322.02	-4,729.85	-280.68	4,734.91	1.13	-1.10	0.29	
16,043.00	90.83	180.85	11,322.36	-4,823.85	-280.85	4,828.89	2.73	2.21	1.60	



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
16,138.00	89.65	181.52	11,321.96	-4,918.82	-282.81	4,923.88	1.43	-1.24	0.71	
16,232.00	89.79	181.01	11,322.42	-5,012.80	-284.89	5,017.88	0.56	0.15	-0.54	
16,326.00	89.79	180.59	11,322.77	-5,106.79	-286.20	5,111.88	0.45	0.00	-0.45	
16,421.00	89.16	180.93	11,323.64	-5,201.78	-287.46	5,206.87	0.75	-0.66	0.36	
16,515.00	90.04	181.33	11,324.29	-5,295.75	-289.31	5,300.86	1.03	0.94	0.43	
16,610.00	89.57	179.84	11,324.62	-5,390.74	-290.28	5,395.85	1.64	-0.49	-1.57	
16,704.00	89.50	181.28	11,325.38	-5,484.73	-291.20	5,489.84	1.53	-0.07	1.53	
16,799.00	89.90	180.93	11,325.88	-5,579.72	-293.03	5,584.84	0.56	0.42	-0.37	
16,893.00	89.44	181.24	11,326.42	-5,673.70	-294.81	5,678.84	0.59	-0.49	0.33	
16,988.00	86.95	180.24	11,329.41	-5,768.63	-296.04	5,773.78	2.82	-2.62	-1.05	
17,082.00	87.41	180.77	11,334.04	-5,862.52	-296.87	5,867.65	0.75	0.49	0.56	
17,177.00	88.91	181.70	11,337.09	-5,957.44	-298.91	5,962.60	1.86	1.58	0.98	
17,271.00	89.52	181.09	11,338.37	-6,051.40	-301.20	6,056.59	0.92	0.65	-0.65	
17,365.00	90.48	181.10	11,338.37	-6,145.38	-303.00	6,150.59	1.02	1.02	0.01	
17,460.00	90.31	181.06	11,337.72	-6,240.37	-304.79	6,245.59	0.18	-0.18	-0.04	
17,554.00	90.14	181.11	11,337.35	-6,334.35	-306.57	6,339.59	0.19	-0.18	0.05	
17,648.00	90.10	181.56	11,337.15	-6,428.32	-308.76	6,433.59	0.48	-0.04	0.48	
17,742.00	89.17	180.83	11,337.75	-6,522.30	-310.72	6,527.58	1.26	-0.99	-0.78	
17,836.00	89.92	181.63	11,338.50	-6,616.27	-312.74	6,621.58	1.17	0.80	0.85	
17,930.00	91.43	182.43	11,337.39	-6,710.20	-316.07	6,715.56	1.82	1.61	0.85	
18,025.00	91.46	183.54	11,335.00	-6,805.04	-321.01	6,810.49	1.17	0.03	1.17	
18,120.00	90.99	182.38	11,332.96	-6,899.89	-325.92	6,905.42	1.32	-0.49	-1.22	
18,214.00	90.81	181.43	11,331.49	-6,993.83	-329.04	6,999.40	1.03	-0.19	-1.01	
18,308.00	90.15	180.76	11,330.70	-7,087.81	-330.84	7,093.40	1.00	-0.70	-0.71	
18,403.00	91.51	181.42	11,329.32	-7,182.78	-332.64	7,188.38	1.59	1.43	0.69	
18,497.00	91.40	180.59	11,326.94	-7,276.73	-334.29	7,282.35	0.89	-0.12	-0.88	
18,592.00	92.21	179.99	11,323.94	-7,371.68	-334.77	7,377.29	1.06	0.85	-0.63	
18,687.00	91.68	179.54	11,320.72	-7,466.62	-334.38	7,472.20	0.73	-0.56	-0.47	
18,781.00	91.55	178.59	11,318.07	-7,560.57	-332.85	7,566.09	1.02	-0.14	-1.01	
18,876.00	91.29	178.87	11,315.72	-7,655.52	-330.75	7,660.97	0.40	-0.27	0.29	
18,971.00	91.15	177.94	11,313.69	-7,750.46	-328.10	7,755.83	0.99	-0.15	-0.98	
19,065.00	91.46	177.76	11,311.55	-7,844.37	-324.58	7,849.64	0.38	0.33	-0.19	
19,159.00	89.59	177.55	11,310.69	-7,938.28	-320.73	7,943.44	2.00	-1.99	-0.22	
19,253.00	88.59	177.58	11,312.19	-8,032.19	-316.74	8,037.23	1.06	-1.06	0.03	
19,347.00	88.66	178.14	11,314.44	-8,126.09	-313.23	8,131.04	0.60	0.07	0.60	
19,442.00	88.33	178.21	11,316.94	-8,221.01	-310.20	8,225.87	0.36	-0.35	0.07	
19,536.00	89.24	177.69	11,318.93	-8,314.93	-306.84	8,319.69	1.11	0.97	-0.55	
19,631.00	90.03	177.56	11,319.53	-8,409.84	-302.91	8,414.49	0.84	0.83	-0.14	
19,726.00	90.59	178.03	11,319.02	-8,504.77	-299.25	8,509.32	0.77	0.59	0.49	
19,820.00	90.29	177.90	11,318.30	-8,598.71	-295.91	8,603.16	0.35	-0.32	-0.14	
19,914.00	91.08	177.65	11,317.17	-8,692.63	-292.26	8,696.97	0.88	0.84	-0.27	
20,008.00	90.69	177.72	11,315.72	-8,786.54	-288.47	8,790.78	0.42	-0.41	0.07	



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
20,103.00	90.32	178.76	11,314.89	-8,881.49	-285.55	8,885.64	1.16	-0.39	1.09	
20,196.00	91.08	179.65	11,313.75	-8,974.48	-284.26	8,978.57	1.26	0.82	0.96	
20,291.00	90.85	179.97	11,312.15	-9,069.46	-283.94	9,073.53	0.41	-0.24	0.34	
20,385.00	89.26	179.27	11,312.06	-9,163.46	-283.32	9,167.48	1.85	-1.69	-0.74	
20,479.00	89.50	179.80	11,313.08	-9,257.45	-282.56	9,261.44	0.62	0.26	0.56	
20,573.00	91.11	180.59	11,312.58	-9,351.44	-282.88	9,355.41	1.91	1.71	0.84	
20,668.00	90.13	179.95	11,311.55	-9,446.43	-283.33	9,450.39	1.23	-1.03	-0.67	
20,762.00	90.32	180.32	11,311.18	-9,540.43	-283.55	9,544.37	0.44	0.20	0.39	
20,856.00	87.68	178.73	11,312.82	-9,634.40	-282.77	9,638.30	3.28	-2.81	-1.69	
20,951.00	89.13	179.87	11,315.46	-9,729.36	-281.61	9,733.21	1.94	1.53	1.20	
21,045.00	90.32	179.35	11,315.91	-9,823.35	-280.97	9,827.16	1.38	1.27	-0.55	
21,139.00	90.55	180.00	11,315.20	-9,917.35	-280.44	9,921.12	0.73	0.24	0.69	
21,234.00	90.84	179.99	11,314.05	-10,012.34	-280.43	10,016.09	0.31	0.31	-0.01	
21,329.00	90.21	179.49	11,313.18	-10,107.33	-280.00	10,111.06	0.85	-0.66	-0.53	
21,423.00	90.32	179.51	11,312.74	-10,201.33	-279.18	10,205.01	0.12	0.12	0.02	
21,517.00	90.87	179.86	11,311.77	-10,295.32	-278.66	10,298.97	0.69	0.59	0.37	
21,611.00	89.47	178.70	11,311.49	-10,389.31	-277.48	10,392.91	1.93	-1.49	-1.23	
21,706.00	90.56	180.62	11,311.46	-10,484.30	-276.91	10,487.86	2.32	1.15	2.02	
21,800.00	90.06	179.96	11,310.95	-10,578.30	-277.39	10,581.85	0.88	-0.53	-0.70	
21,895.00	90.28	179.76	11,310.67	-10,673.30	-277.16	10,676.82	0.31	0.23	-0.21	
21,989.00	90.42	178.83	11,310.10	-10,767.29	-276.00	10,770.76	1.00	0.15	-0.99	
22,084.00	90.42	179.27	11,309.40	-10,862.27	-274.43	10,865.69	0.46	0.00	0.46	
22,178.00	89.94	179.62	11,309.11	-10,956.27	-273.52	10,959.64	0.63	-0.51	0.37	
22,272.00	89.94	179.73	11,309.21	-11,050.26	-272.98	11,053.60	0.12	0.00	0.12	
22,367.00	88.82	180.10	11,310.23	-11,145.26	-272.84	11,148.57	1.24	-1.18	0.39	
22,461.00	89.78	180.32	11,311.38	-11,239.25	-273.19	11,242.54	1.05	1.02	0.23	
22,555.00	90.00	180.78	11,311.56	-11,333.24	-274.09	11,336.53	0.54	0.23	0.49	
22,649.00	89.92	181.37	11,311.63	-11,427.23	-275.85	11,430.53	0.63	-0.09	0.63	
22,744.00	90.39	180.43	11,311.37	-11,522.21	-277.34	11,525.53	1.11	0.49	-0.99	
22,838.00	90.22	179.24	11,310.87	-11,616.21	-277.07	11,619.50	1.28	-0.18	-1.27	
22,933.00	90.13	179.57	11,310.58	-11,711.20	-276.09	11,714.45	0.36	-0.09	0.35	
23,027.00	89.16	178.61	11,311.16	-11,805.19	-274.59	11,808.37	1.45	-1.03	-1.02	
23,121.00	87.74	181.35	11,313.71	-11,899.14	-274.56	11,902.30	3.28	-1.51	2.91	
23,216.00	86.85	185.55	11,318.19	-11,993.84	-280.27	11,997.11	4.51	-0.94	4.42	
23,310.00	87.87	188.57	11,322.52	-12,087.02	-291.81	12,090.52	3.39	1.09	3.21	
23,404.00	89.76	186.66	11,324.47	-12,180.16	-304.26	12,183.91	2.86	2.01	-2.03	
23,499.00	90.41	182.99	11,324.32	-12,274.81	-312.25	12,278.71	3.92	0.68	-3.86	
23,593.00	91.37	179.90	11,322.86	-12,368.75	-314.62	12,372.69	3.44	1.02	-3.29	
23,686.00	90.29	180.00	11,321.52	-12,461.74	-314.54	12,465.65	1.17	-1.16	0.11	
23,781.00	90.70	181.15	11,320.70	-12,556.73	-315.49	12,560.64	1.29	0.43	1.21	
23,875.00	90.01	182.08	11,320.11	-12,650.69	-318.14	12,654.64	1.23	-0.73	0.99	
23,969.00	90.45	183.32	11,319.74	-12,744.58	-322.57	12,748.60	1.40	0.47	1.32	



Nabors Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well PLU 21 BD 905H
Project:	Eddy Co., NM	TVD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Site:	Poker Lake Unit 21 BD	MD Reference:	WELL @ 3278.00ft (Nabors X15 (GE: 3245' + KB: 33'))
Well:	PLU 21 BD 905H	North Reference:	Grid
Wellbore:	905H - OH	Survey Calculation Method:	Minimum Curvature
Design:	905H - Surveys	Database:	RyanUSA_ODBC_32bit

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
24,063.00	90.34	183.60	11,319.09	-12,838.41	-328.24	12,842.53	0.32	-0.12	0.30
24,157.00	92.05	181.14	11,317.13	-12,932.30	-332.13	12,936.48	3.19	1.82	-2.62
24,251.00	93.49	176.40	11,312.58	-13,026.14	-330.12	13,030.26	5.26	1.53	-5.04
24,311.00	93.49	176.40	11,308.93	-13,085.91	-326.36	13,089.93	0.00	0.00	0.00
PLU 21 BD 905H - PBHL - PLU 21 BD 905H - LTP									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
10,742.00	10,708.61	156.62	-320.67	Actual KOP @ 10742' MD
11,684.00	11,304.87	-470.62	-281.27	Actual LP @ 11684' MD
11,877.00	11,314.55	-662.90	-268.14	Cross 330'HL @ 11877' MD

Checked By: _____ Approved By: _____ Date: _____

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-45698
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☐ FED X
2. Name of Operator XTO Permian Operating LLC.		6. State Oil & Gas Lease No.
3. Address of Operator 6401 Holiday Hill Road Building 5, Midland, TX 79707		7. Lease Name or Unit Agreement Name Poker Lake Unit 21 BD
4. Well Location Unit Letter <u>O</u> : <u>330</u> feet from the <u>South</u> line and <u>2010</u> feet from the <u>East</u> line Section <u>21</u> Township <u>25S</u> Range <u>30E</u> NMPM County <u>Eddy</u>		8. Well Number 905H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3245 GL		9. OGRID Number <u>373075</u>
		10. Pool name or Wildcat PURPLE SAGE; WOLFCAMP (GAS)

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

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

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO PERMIAN OPERATING LLC respectfully submits this sundry notice to report the completion operations of the referenced well.

KOP @ depth 10,754 ft.
 PBTD = 24,298 ft. 2/5/21 Run RCB/GR/CCL
 4/21/22 Pressure test 5.5 in csg to 8,043 psi for 30min test good, open sleeve.
 5/22/22 Perf and frac 62 stages, 2,932 total shots, from 11,921 to 24,193 using 666,347 bbls of fluid and 30,966,590 lbs Proppant. Tag and drill out plugs.
 7/5/22 Run 2-7/8 L80 6.5# tubing set at 10,753 ft.
 7/5/22 Packer setting depth 10,736 ft.
 Ready Date: 7/16/22
 First Production: 7/17/22

Spud Date:

11/12/2020

Rig Release Date:

1/6/2021

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

SIGNATURE Amanda Thames TITLE Regulatory Analyst DATE 8/15/2022

Type or print name Amanda Thames E-mail address: amanda.thames@exxonmobil.com PHONE: 432-221-7340

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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 POKER LAKE UNIT 21 BD		
								6. Well Number: 905H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator XTO PERMIAN OPERATING LLC.						9. OGRID 373075				
10. Address of Operator 6401 HOLIDAY HILL RD BLDG #5, MIDLAND TX 79707						11. Pool name or Wildcat PURPLE SAGE;WOLFCAMP (GAS)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	21	25S	30E		330	South	2010	East	Eddy
BH:	G	4	26S	30E		2105	North	2338	East	Eddy
13. Date Spudded 11/12/2020	14. Date T.D. Reached 1/2/2021		15. Date Rig Released 1/6/2021		16. Date Completed (Ready to Produce) 7/16/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3245' GL		
18. Total Measured Depth of Well 24,311			19. Plug Back Measured Depth 24,298		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,921 TO 24,193 PURPLE SAGE;WOLFCAMP (GAS)										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
11 3/4"		54.0		1,349		14 3/4"		1,185		
7 5/8"		29.7		10,333		8 3/4"		1,745		
5 "		18.0		24,300		6 3/4"		1,160		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8"	10,753	10,736		
26. Perforation record (interval, size, and number) 11,921 TO 24,193, 4spf, 2,932 Total Shots 63 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,921 TO 24,193		666,347 bbl fluid + 30,966,590 lbs Proppant		
28. PRODUCTION										
Date First Production 7/17/22		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 7/25/22	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 4839	Gas - MCF 7368	Water - Bbl. 3740	Gas - Oil Ratio 1,523			
Flow Tubing Press. 970	Casing Pressure 81	Calculated 24-Hour Rate	Oil - Bbl. 4839	Gas - MCF 7368	Water - Bbl. 3740	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By		
31. List Attachments C-104 NW, C-102 & Supplement , Directional Survey (Log uploaded to NMOCD)										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Amanda Thames</i>			Printed Name Amanda Thames			Title Regulatory Analyst			Date 8/15/2022	
E-mail Address amanda.thames@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 1,392'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3,602'	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 3,807'	T. Morrison	
T. Drinkard	T. Bone Springs 7,592'	T. Todilto	
T. Abo	T. Rustler 1,185'	T. Entrada	
T. Wolfcamp 10,899'	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.....

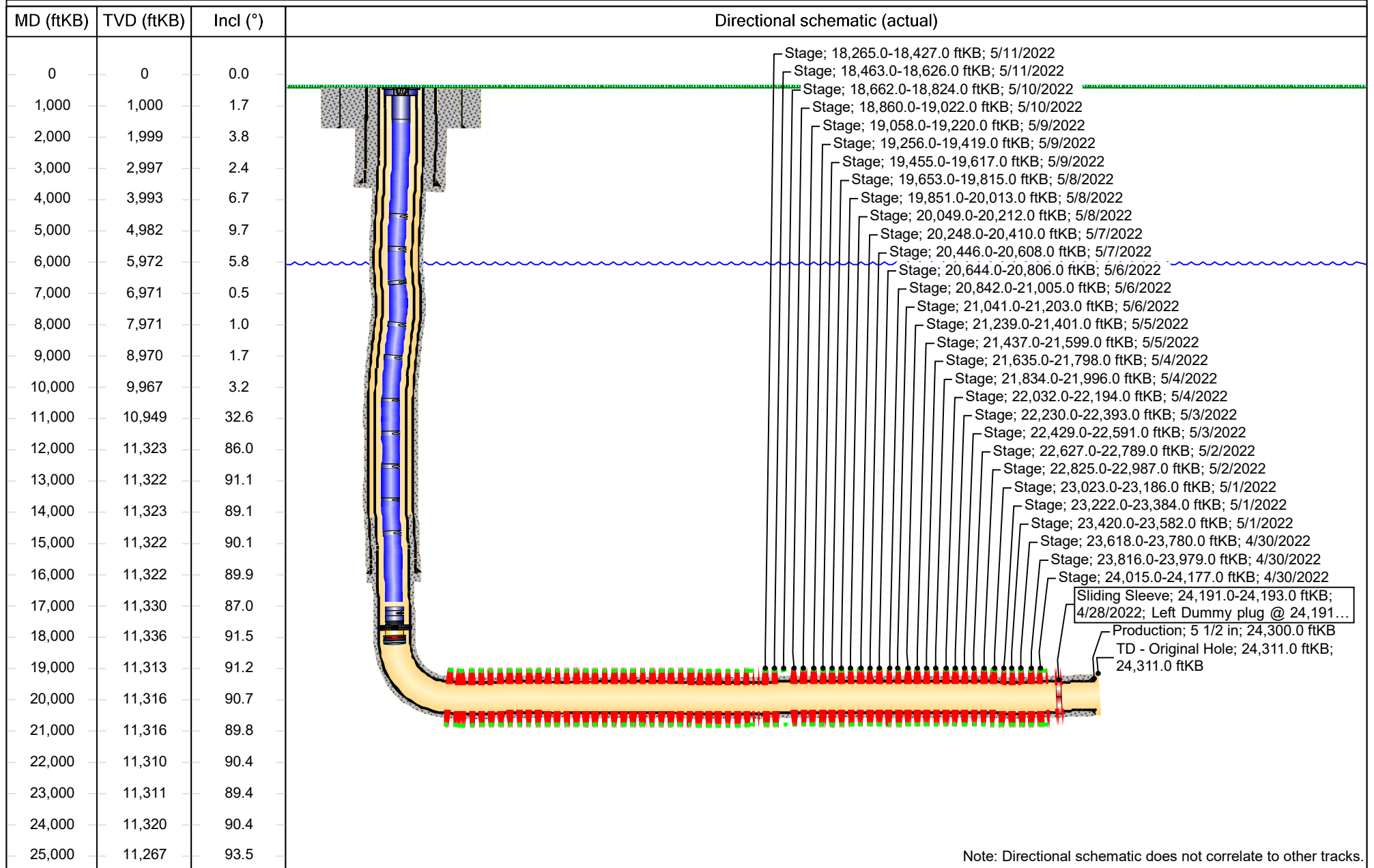
From	To	Thickness In Feet	Lithology



Schematic - Wellbore - Horizontal

Well Name: POKER LAKE UNIT 21 BD 905H

API/UWI 3001545698	SAP Cost Center ID 1666321001	Permit Number BLM	State/Province New Mexico	County Eddy	Ground Elevation (ft) 3,245.00	KB-Ground Distance (ft) 33.00	Surface Casing Flange Elevatio...
Surface Location T25S-R30E-S21	Spud Date 11/12/2020 09:30	Original KB Elevation (ft) 3,278.00					



Note: Directional schematic does not correlate to other tracks.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 134392

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 134392
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 134392

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Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 134392
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CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/17/2025