

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 - 015-46426	⁵ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	⁶ Pool Code 98220
⁷ Property Code 326260	⁸ Property Name POKER LAKE UNIT 18 TWR	⁹ Well Number 102H

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
D	19	24S	31E		75	North	785	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
M	30	24S	31E	4	207	South	748	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
34053	Plains Markting, LP	OIL
373075	XTO Permian Operating	GAS
005380	XTO Energy, Inc.	WTR

IV. Well Completion Data

²¹ Spud Date 2/22/2020	²² Ready Date 6/18/2021	²³ TD 21630 MD 11601 TVD	²⁴ PBT 21628 MD 11601 TVD	²⁵ Perforations 11,932 - 21,474	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14.75	11.75	834	805		
10.625	8.625	10795	1355		
7.875	5.5	21630	2875		

V. Well Test Data

³¹ Date New Oil 6/19/21	³² Gas Delivery Date 6/20/21	³³ Test Date 6/20/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 0
³⁷ Choke Size	³⁸ Oil 1057	³⁹ Water 8251	⁴⁰ Gas 3386		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: KURT SIMMONS		
Title: Regulatory Analyst			Title: NMOCD, SANT FE		
E-mail Address: cassie.evans@exxonmobil.com			Approval Date: 09/24/2021		
Date: 08/16/21	Phone: 432.218.3671				

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

¹ API Number 30-015-46426	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 326260	⁵ Property Name POKER LAKE UNIT 18 TWR	⁶ Well Number 102H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC	⁹ Elevation 3,493'

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
1	19	24 S	31 E		69	NORTH	785	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
4	30	24 S	31 E		207	SOUTH	748	WEST	EDDY

¹² Dedicated Acres 659.8	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

LOT TABLE SECTION 19 LOT 1 - 42.14 ACRES LOT 2 - 42.23 ACRES LOT 3 - 42.31 ACRES LOT 4 - 42.40 ACRES SECTION 30 LOT 1 - 42.50 ACRES LOT 2 - 42.62 ACRES LOT 3 - 42.74 ACRES LOT 4 - 42.86 ACRES	SHL (NAD83 NME) Y = 440,462.2 X = 699,130.7 LAT. = 32.209878 "N LONG. = 103.823141 "W KOP (NAD83 NME) Y = 440,491.5 X = 699,223.5 LAT. = 32.209957 "N LONG. = 103.822840 "W FTP (NAD83 NME) Y = 439,863.0 X = 699,116.8 LAT. = 32.208231 "N LONG. = 103.823195 "W CORNER COORDINATES (NAD83 NME) A - Y = 440,527.6 N , X = 698,345.6 E B - Y = 440,534.0 N , X = 699,733.2 E C - Y = 437,882.8 N , X = 698,355.7 E D - Y = 437,890.0 N , X = 699,749.9 E E - Y = 435,238.0 N , X = 698,366.2 E F - Y = 435,247.1 N , X = 699,766.6 E G - Y = 432,597.7 N , X = 698,376.7 E H - Y = 432,606.5 N , X = 699,784.8 E I - Y = 429,957.4 N , X = 698,387.6 E J - Y = 429,965.9 N , X = 699,803.3 E SHL (NAD27 NME) Y = 440,403.4 X = 657,946.7 LAT. = 32.209755 "N LONG. = 103.822656 "W KOP (NAD27 NME) Y = 440,432.6 X = 658,039.7 LAT. = 32.209834 "N LONG. = 103.822355 "W FTP (NAD27 NME) Y = 439,804.1 X = 657,932.9 LAT. = 32.208107 "N LONG. = 103.822710 "W CORNER COORDINATES (NAD27 NME) A - Y = 440,468.6 N , X = 657,161.7 E B - Y = 440,475.1 N , X = 658,549.4 E C - Y = 437,823.9 N , X = 657,171.8 E D - Y = 437,831.1 N , X = 658,565.9 E E - Y = 435,179.2 N , X = 657,182.2 E F - Y = 435,188.2 N , X = 658,582.6 E G - Y = 432,539.0 N , X = 657,192.5 E H - Y = 432,547.7 N , X = 658,600.7 E I - Y = 429,898.7 N , X = 657,203.4 E J - Y = 429,907.2 N , X = 658,619.0 E	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cassie Evans</i> 08/24/2021 Signature Date Cassie Evans Printed Name cassie.evans@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. 8-19-2020 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number JC 2019030728
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Intent ☐ As Drilled ☒

API # 30-015-46426		
Operator Name: XTO PERMIAN OPERATING, LLC.	Property Name: POKER LAKE UNIT 18 TWR	Well Number 102H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L1	19	24S	31E		40	FNL	878	FWL	EDDY
Latitude 32.209957					Longitude 103.822840				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L1	19	24S	31E		668	FNL	769	FWL	EDDY
Latitude 32.208231					Longitude 103.823195				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L4	30	24S	31E		363	FSL	749	FWL	EDDY
Latitude 32.182013					Longitude 103.823283				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 18TWR

162H

Wellbore #1

Design: Surveys API: 30-015-46431

Standard Survey Report

16 May, 2020





MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of Texas

County Of Midland

I, Marcus Mitcham certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of February 20, 2020 through February 22, 2020 conduct
or supervise the taking of a MWD survey from a depth of 157 feet to a depth of
766 feet; that the data is true, correct, complete and within the limitations of the
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;
that this survey was conducted at the request of XTO Energy Inc. for the
Poker Lake Unit 18 TWR 102H Well, A.P.I. No. 30-015-46426 in
Purple Sage - Wolfcamp (Gas) Field and that I have reviewed this report and find that
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

A handwritten signature in black ink that reads "Marcus Mitcham". The signature is written in a cursive style with a horizontal line underneath.

Signature

MWD Coordinator

Title



Survey Certification

April 1, 2020

State of New Mexico

County of Eddy

I, Allison Reinert, certify that; I am employed by NorthStar MWD Systems; that I did on the day(s) of March 18, 2020 through March 26, 2020 conduct or supervise the taking of a directional MWD survey from a depth of 882 feet to a depth of 10795 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by NorthStar MWD Systems; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for Poker Lake Unit 18 TWR #102H API No. 30-015-46426 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by NorthStar MWD Systems.

Survey Instrument Type

MWD

Allison Reinert

Digitally signed by Allison
Reinert
Date: 2020.04.01 12:29:24
-05'00'

Allison Reinert
VP Engineering
NorthStar MWD Systems



MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of New Mexico

County Of Eddy

I, Marcus Mitcham certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of February 23, 2020 through April 25, 2020 conduct
or supervise the taking of a MWD survey from a depth of 157 feet to a depth of
21,695 feet; that the data is true, correct, complete and within the limitations of the
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;
that this survey was conducted at the request of XTO Energy Inc. for the
Poker Lake Unit 18 TWR 122H Well, A.P.I. No. 30-015-46428 in
Purple Sage - Wolfcamp (Gas) Field and that I have reviewed this report and find that
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

A handwritten signature in black ink that reads "Marcus Mitcham". The signature is written in a cursive, flowing style.

Signature

MWD Coordinator

Title



MWD SURVEY CERTIFICATION
Gordon Technologies, LLC

State Of Texas

County Of Midland

I, Marcus Mitcham certify that; I am employed by Gordon Technologies, LLC.;
that I did on the day(s) of March 28, 2020 through April 7, 2020 conduct
or supervise the taking of a MWD survey from a depth of 10,714 feet to a depth of
21,574 feet; that the data is true, correct, complete and within the limitations of the
tool set forth by Gordon Technologies, LLC.; that I am authorized and qualified to make this report;
that this survey was conducted at the request of XTO Energy Inc. for the
Poker Lake Unit 18 TWR 102H Well, A.P.I. No. 30-015-46426 in
Purple Sage - Wolfcamp (Gas) Field and that I have reviewed this report and find that
it conforms to the principles and procedures set forth by Gordon Technologies, LLC.

A handwritten signature in black ink that reads "Marcus Mitcham". The signature is written in a cursive, flowing style.

Signature

MWD Coordinator

Title



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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 18TWR		
Site Position:		Northing:	440,386.600 usft
From:	Map	Easting:	661,941.100 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	32° 12' 34.760264 N
		Longitude:	103° 48' 35.071277 W
		Grid Convergence:	0.28 °

Well	162H		
Well Position	+N/-S	0.00 ft	Northing:
	+E/-W	0.00 ft	Easting:
Position Uncertainty	2.00 ft	Wellhead Elevation:	ft
		Latitude:	32° 12' 35.710464 N
		Longitude:	103° 49' 21.562113 W
		Ground Level:	3,495.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	4/16/2020	6.68	59.87	47,817.00000000

Design	Surveys API: 30-015-46431				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	179.78	

Survey Program	Date	5/16/2020			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
157.00	11,754.00	Survey #1 Pred Surveys (Wellbore #1)	MWD	OWSG MWD - Standard	
11,754.00	22,650.00	Survey #2 Gordon MWD (Wellbore #1)	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	
157.00	0.66	212.12	157.00	-0.77	-0.48	0.76	0.42	0.42	0.00	
248.00	0.59	165.76	247.99	-1.66	-0.64	1.66	0.55	-0.08	-50.95	
341.00	0.63	157.20	340.99	-2.60	-0.33	2.60	0.11	0.04	-9.20	
433.00	0.45	140.86	432.98	-3.35	0.10	3.35	0.26	-0.20	-17.76	
524.00	0.78	109.28	523.98	-3.83	0.91	3.83	0.51	0.36	-34.70	
616.00	1.15	90.16	615.96	-4.04	2.42	4.05	0.53	0.40	-20.78	
708.00	0.38	10.86	707.96	-3.74	3.40	3.75	1.24	-0.84	-86.20	
779.00	0.48	281.87	778.96	-3.45	3.15	3.46	0.85	0.14	-125.34	
883.00	0.78	238.62	882.95	-3.73	2.12	3.73	0.52	0.29	-41.59	



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)
973.00	0.84	167.37	972.94	-4.69	1.74	4.70	1.05	0.07	-79.17
1,065.00	2.69	130.50	1,064.90	-6.75	3.53	6.76	2.26	2.01	-40.08
1,158.00	4.54	116.35	1,157.71	-9.80	8.49	9.83	2.19	1.99	-15.22
1,252.00	5.25	115.09	1,251.37	-13.28	15.72	13.34	0.76	0.76	-1.34
1,346.00	3.92	122.75	1,345.06	-16.84	22.32	16.92	1.55	-1.41	8.15
1,440.00	3.28	124.94	1,438.88	-20.12	27.23	20.22	0.70	-0.68	2.33
1,534.00	3.63	122.33	1,532.71	-23.25	31.94	23.37	0.41	0.37	-2.78
1,628.00	2.75	118.40	1,626.56	-25.91	36.44	26.05	0.96	-0.94	-4.18
1,722.00	2.40	109.60	1,720.47	-27.64	40.28	27.80	0.56	-0.37	-9.36
1,816.00	2.61	111.17	1,814.38	-29.08	44.13	29.25	0.24	0.22	1.67
1,911.00	2.85	111.10	1,909.27	-30.71	48.35	30.89	0.25	0.25	-0.07
2,004.00	3.14	112.28	2,002.14	-32.51	52.86	32.71	0.32	0.31	1.27
2,097.00	3.30	113.51	2,094.99	-34.54	57.68	34.76	0.19	0.17	1.32
2,191.00	3.52	113.95	2,188.83	-36.79	62.79	37.03	0.24	0.23	0.47
2,286.00	4.17	98.85	2,283.62	-38.51	68.87	38.77	1.26	0.68	-15.89
2,381.00	5.16	87.80	2,378.30	-38.87	76.55	39.17	1.40	1.04	-11.63
2,474.00	5.52	89.37	2,470.90	-38.66	85.21	38.99	0.42	0.39	1.69
2,567.00	4.43	86.59	2,563.55	-38.40	93.26	38.76	1.20	-1.17	-2.99
2,662.00	3.08	74.06	2,658.34	-37.48	99.38	37.86	1.65	-1.42	-13.19
2,756.00	3.15	73.07	2,752.20	-36.04	104.28	36.44	0.09	0.07	-1.05
2,850.00	4.25	93.59	2,846.01	-35.50	110.23	35.93	1.81	1.17	21.83
2,944.00	4.94	101.42	2,939.71	-36.52	117.67	36.97	0.99	0.73	8.33
3,038.00	4.98	99.94	3,033.36	-38.03	125.66	38.51	0.14	0.04	-1.57
3,133.00	4.95	97.71	3,128.00	-39.29	133.78	39.80	0.21	-0.03	-2.35
3,227.00	5.03	93.92	3,221.64	-40.11	141.91	40.66	0.36	0.09	-4.03
3,321.00	4.91	92.78	3,315.29	-40.59	150.04	41.17	0.17	-0.13	-1.21
3,415.00	4.57	90.37	3,408.97	-40.81	157.80	41.42	0.42	-0.36	-2.56
3,509.00	4.49	90.85	3,502.68	-40.89	165.23	41.52	0.09	-0.09	0.51
3,602.00	4.67	96.02	3,595.38	-41.34	172.63	42.00	0.48	0.19	5.56
3,694.00	4.70	96.06	3,687.07	-42.13	180.10	42.82	0.03	0.03	0.04
3,785.00	4.60	100.13	3,777.77	-43.17	187.40	43.89	0.38	-0.11	4.47
3,877.00	5.33	92.11	3,869.43	-43.97	195.31	44.72	1.09	0.79	-8.72
3,971.00	6.48	89.78	3,962.93	-44.11	204.97	44.90	1.25	1.22	-2.48
4,064.00	5.02	97.92	4,055.46	-44.65	214.25	45.48	1.79	-1.57	8.75
4,159.00	3.79	95.17	4,150.18	-45.51	221.50	46.36	1.31	-1.29	-2.89
4,253.00	2.79	80.23	4,244.02	-45.40	226.84	46.27	1.39	-1.06	-15.89
4,346.00	2.53	61.93	4,336.92	-44.05	230.89	44.94	0.95	-0.28	-19.68
4,439.00	3.33	75.44	4,429.80	-42.41	235.31	43.31	1.13	0.86	14.53
4,534.00	4.57	80.59	4,524.57	-41.09	241.72	42.02	1.36	1.31	5.42
4,627.00	5.04	82.64	4,617.25	-39.96	249.42	40.92	0.54	0.51	2.20
4,722.00	5.32	81.79	4,711.86	-38.80	257.92	39.79	0.31	0.29	-0.89
4,815.00	4.64	93.38	4,804.51	-38.41	265.94	39.43	1.30	-0.73	12.46
4,910.00	4.83	109.14	4,899.19	-39.95	273.56	41.00	1.38	0.20	16.59



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)
5,004.00	5.07	105.31	4,992.84	-42.34	281.30	43.42	0.43	0.26	-4.07
5,098.00	5.17	103.12	5,086.46	-44.40	289.43	45.51	0.23	0.11	-2.33
5,192.00	4.93	102.38	5,180.10	-46.23	297.50	47.37	0.26	-0.26	-0.79
5,286.00	4.95	95.72	5,273.75	-47.50	305.48	48.67	0.61	0.02	-7.09
5,379.00	5.17	88.83	5,366.39	-47.81	313.67	49.01	0.69	0.24	-7.41
5,474.00	5.32	89.69	5,460.99	-47.70	322.35	48.94	0.18	0.16	0.91
5,568.00	4.77	78.09	5,554.63	-46.87	330.53	48.14	1.23	-0.59	-12.34
5,663.00	4.51	73.25	5,649.32	-44.98	337.97	46.27	0.49	-0.27	-5.09
5,756.00	4.62	72.67	5,742.02	-42.81	345.05	44.13	0.13	0.12	-0.62
5,851.00	3.93	88.69	5,836.76	-41.59	351.96	42.94	1.44	-0.73	16.86
5,944.00	3.50	99.07	5,929.57	-41.97	357.95	43.34	0.86	-0.46	11.16
6,038.00	2.53	97.70	6,023.44	-42.70	362.84	44.09	1.03	-1.03	-1.46
6,132.00	1.95	96.72	6,117.36	-43.16	366.48	44.57	0.62	-0.62	-1.04
6,226.00	1.83	99.57	6,211.31	-43.60	369.55	45.02	0.16	-0.13	3.03
6,320.00	2.26	77.28	6,305.25	-43.44	372.84	44.87	0.95	0.46	-23.71
6,414.00	3.09	65.23	6,399.15	-41.97	376.94	43.42	1.06	0.88	-12.82
6,508.00	1.43	80.91	6,493.08	-40.72	380.40	42.19	1.87	-1.77	16.68
6,602.00	0.81	109.47	6,587.06	-40.76	382.19	42.23	0.87	-0.66	30.38
6,697.00	0.77	115.26	6,682.05	-41.26	383.40	42.73	0.09	-0.04	6.09
6,791.00	0.90	103.95	6,776.04	-41.70	384.69	43.18	0.22	0.14	-12.03
6,884.00	0.67	205.84	6,869.03	-42.37	385.16	43.85	1.32	-0.25	109.56
6,979.00	1.20	224.36	6,964.02	-43.58	384.22	45.06	0.64	0.56	19.49
7,072.00	0.71	284.34	7,057.01	-44.13	382.98	45.61	1.12	-0.53	64.49
7,166.00	1.37	328.47	7,151.00	-43.03	381.83	44.50	1.06	0.70	46.95
7,261.00	1.26	333.89	7,245.97	-41.13	380.78	42.59	0.17	-0.12	5.71
7,355.00	1.03	331.84	7,339.95	-39.45	379.92	40.91	0.25	-0.24	-2.18
7,450.00	1.12	320.30	7,434.94	-37.99	378.93	39.44	0.25	0.09	-12.15
7,543.00	1.18	324.61	7,527.92	-36.51	377.79	37.96	0.11	0.06	4.63
7,637.00	1.26	323.28	7,621.90	-34.89	376.61	36.34	0.09	0.09	-1.41
7,731.00	0.51	310.50	7,715.88	-33.79	375.68	35.23	0.82	-0.80	-13.60
7,826.00	0.29	189.26	7,810.88	-33.75	375.32	35.19	0.74	-0.23	-127.62
7,920.00	0.35	212.78	7,904.88	-34.23	375.12	35.67	0.15	0.06	25.02
8,014.00	0.59	224.18	7,998.88	-34.82	374.63	36.25	0.27	0.26	12.13
8,108.00	0.56	215.27	8,092.87	-35.54	374.03	36.97	0.10	-0.03	-9.48
8,202.00	0.28	310.64	8,186.87	-35.76	373.59	37.20	0.69	-0.30	101.46
8,296.00	0.40	304.44	8,280.87	-35.43	373.14	36.86	0.13	0.13	-6.60
8,389.00	0.75	281.10	8,373.86	-35.13	372.28	36.56	0.45	0.38	-25.10
8,484.00	1.04	277.39	8,468.85	-34.90	370.81	36.32	0.31	0.31	-3.91
8,574.00	1.04	243.90	8,558.84	-35.15	369.27	36.57	0.67	0.00	-37.21
8,668.00	0.51	305.30	8,652.83	-35.29	368.16	36.70	0.97	-0.56	65.32
8,762.00	1.01	333.16	8,746.82	-34.30	367.45	35.72	0.65	0.53	29.64
8,856.00	1.23	322.92	8,840.81	-32.76	366.46	34.17	0.32	0.23	-10.89
8,950.00	0.96	8.25	8,934.79	-31.18	365.97	32.58	0.94	-0.29	48.22



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)	
9,043.00	0.86	42.72	9,027.78	-29.89	366.55	31.30	0.59	-0.11		37.06
9,137.00	0.93	59.37	9,121.77	-28.99	367.69	30.40	0.29	0.07		17.71
9,232.00	0.88	45.67	9,216.76	-28.08	368.87	29.50	0.23	-0.05		-14.42
9,326.00	0.82	43.38	9,310.75	-27.09	369.85	28.51	0.07	-0.06		-2.44
9,421.00	0.67	43.48	9,405.74	-26.19	370.70	27.62	0.16	-0.16		0.11
9,516.00	0.59	31.42	9,500.73	-25.37	371.34	26.80	0.16	-0.08		-12.69
9,610.00	0.92	33.63	9,594.72	-24.33	372.01	25.76	0.35	0.35		2.35
9,704.00	1.00	61.69	9,688.71	-23.31	373.15	24.75	0.50	0.09		29.85
9,798.00	1.47	80.30	9,782.69	-22.72	375.06	24.16	0.65	0.50		19.80
9,892.00	1.73	83.99	9,876.65	-22.37	377.66	23.82	0.30	0.28		3.93
9,987.00	1.74	80.05	9,971.61	-21.97	380.51	23.43	0.13	0.01		-4.15
10,082.00	1.62	83.35	10,066.57	-21.57	383.26	23.04	0.16	-0.13		3.47
10,176.00	1.68	87.80	10,160.53	-21.36	385.96	22.84	0.15	0.06		4.73
10,269.00	1.55	90.42	10,253.49	-21.32	388.58	22.81	0.16	-0.14		2.82
10,364.00	1.24	82.03	10,348.46	-21.18	390.88	22.68	0.39	-0.33		-8.83
10,458.00	1.60	74.76	10,442.43	-20.70	393.15	22.21	0.43	0.38		-7.73
10,551.00	1.47	80.01	10,535.40	-20.15	395.58	21.67	0.21	-0.14		5.65
10,645.00	1.13	98.54	10,629.38	-20.08	397.68	21.60	0.57	-0.36		19.71
10,740.00	0.84	105.10	10,724.36	-20.40	399.28	21.93	0.33	-0.31		6.91
10,833.00	0.36	112.54	10,817.36	-20.69	400.21	22.22	0.52	-0.52		8.00
10,927.00	0.25	57.77	10,911.36	-20.69	400.66	22.23	0.32	-0.12		-58.27
11,021.00	0.66	44.19	11,005.35	-20.19	401.21	21.73	0.45	0.44		-14.45
11,116.00	0.71	45.14	11,100.35	-19.39	402.01	20.93	0.05	0.05		1.00
11,210.00	0.25	21.55	11,194.34	-18.78	402.50	20.33	0.52	-0.49		-25.10
11,305.00	0.04	328.93	11,289.34	-18.56	402.55	20.11	0.24	-0.22		-55.39
11,399.00	0.03	288.09	11,383.34	-18.53	402.51	20.07	0.03	-0.01		-43.45
11,493.00	0.04	325.01	11,477.34	-18.49	402.47	20.04	0.03	0.01		39.28
11,587.00	0.10	211.04	11,571.34	-18.54	402.41	20.08	0.13	0.06		-121.24
11,680.00	0.20	268.43	11,664.34	-18.61	402.21	20.15	0.18	0.11		61.71
11,754.00	0.45	281.01	11,738.34	-18.56	401.79	20.10	0.35	0.34		17.00
11,873.00	0.82	310.42	11,857.33	-17.92	400.69	19.45	0.40	0.31		24.71
11,905.00	1.01	308.40	11,889.33	-17.59	400.29	19.13	0.60	0.59		-6.31
11,952.00	0.83	263.01	11,936.32	-17.38	399.63	18.91	1.55	-0.38		-96.57
11,998.00	4.91	180.80	11,982.27	-19.39	399.27	20.92	10.58	8.87		-178.72
12,045.00	9.43	185.84	12,028.89	-25.23	398.85	26.76	9.70	9.62		10.72
12,093.00	16.23	182.52	12,075.66	-35.86	398.15	37.39	14.24	14.17		-6.92
12,140.00	20.05	187.39	12,120.32	-50.42	396.83	51.94	8.74	8.13		10.36
12,187.00	21.36	182.59	12,164.29	-66.96	395.40	68.48	4.56	2.79		-10.21
12,234.00	26.34	174.50	12,207.27	-85.90	396.02	87.42	12.65	10.60		-17.21
12,281.00	32.44	177.76	12,248.20	-108.90	397.51	110.43	13.41	12.98		6.94
12,328.00	37.65	180.41	12,286.67	-135.87	397.90	137.40	11.55	11.09		5.64
12,376.00	40.84	183.15	12,323.84	-166.21	396.93	167.74	7.56	6.65		5.71
12,469.00	47.11	182.55	12,390.74	-230.68	393.74	232.19	6.76	6.74		-0.65
12,563.00	51.17	181.12	12,452.22	-301.72	391.49	303.22	4.47	4.32		-1.52



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)
12,657.00	58.36	179.70	12,506.42	-378.44	390.99	379.94	7.75	7.65	-1.51
12,752.00	72.41	180.27	12,545.89	-464.59	390.99	466.09	14.80	14.79	0.60
12,846.00	77.92	181.05	12,569.95	-555.41	389.93	556.91	5.92	5.86	0.83
12,939.00	81.34	181.56	12,586.69	-646.86	387.85	648.34	3.72	3.68	0.55
13,034.00	85.39	180.08	12,597.66	-741.19	386.50	742.67	4.54	4.26	-1.56
13,129.00	89.27	177.81	12,602.09	-836.05	388.25	837.53	4.73	4.08	-2.39
13,223.00	89.80	178.76	12,602.85	-930.00	391.06	931.49	1.16	0.56	1.01
13,316.00	91.43	179.33	12,601.85	-1,022.98	392.61	1,024.48	1.86	1.75	0.61
13,410.00	90.87	178.68	12,599.97	-1,116.94	394.25	1,118.45	0.91	-0.60	-0.69
13,504.00	90.90	178.80	12,598.51	-1,210.91	396.31	1,212.42	0.13	0.03	0.13
13,599.00	90.67	179.01	12,597.21	-1,305.88	398.13	1,307.40	0.33	-0.24	0.22
13,693.00	90.39	178.95	12,596.34	-1,399.86	399.80	1,401.39	0.30	-0.30	-0.06
13,787.00	89.69	178.67	12,596.28	-1,493.84	401.75	1,495.37	0.80	-0.74	-0.30
13,881.00	89.66	180.08	12,596.81	-1,587.83	402.78	1,589.37	1.50	-0.03	1.50
13,974.00	90.42	180.39	12,596.75	-1,680.83	402.40	1,682.36	0.88	0.82	0.33
14,067.00	90.70	180.75	12,595.84	-1,773.82	401.47	1,775.35	0.49	0.30	0.39
14,161.00	91.15	180.75	12,594.32	-1,867.80	400.24	1,869.32	0.48	0.48	0.00
14,256.00	90.22	180.00	12,593.18	-1,962.79	399.62	1,964.31	1.26	-0.98	-0.79
14,350.00	90.00	178.60	12,593.00	-2,056.78	400.77	2,058.31	1.51	-0.23	-1.49
14,444.00	88.96	178.47	12,593.86	-2,150.75	403.17	2,152.28	1.11	-1.11	-0.14
14,536.00	89.80	179.67	12,594.85	-2,242.73	404.67	2,244.26	1.59	0.91	1.30
14,630.00	90.23	180.23	12,594.83	-2,336.73	404.75	2,338.26	0.75	0.46	0.60
14,724.00	91.83	180.10	12,593.14	-2,430.71	404.48	2,432.24	1.71	1.70	-0.14
14,818.00	92.45	180.18	12,589.63	-2,524.64	404.25	2,526.17	0.67	0.66	0.09
14,913.00	89.33	181.71	12,588.15	-2,619.60	402.68	2,621.13	3.66	-3.28	1.61
15,007.00	89.59	182.71	12,589.04	-2,713.53	399.06	2,715.04	1.10	0.28	1.06
15,100.00	88.94	181.62	12,590.23	-2,806.45	395.54	2,807.95	1.36	-0.70	-1.17
15,194.00	88.75	180.70	12,592.13	-2,900.41	393.64	2,901.90	1.00	-0.20	-0.98
15,288.00	89.67	181.52	12,593.42	-2,994.38	391.82	2,995.86	1.31	0.98	0.87
15,382.00	90.76	181.66	12,593.07	-3,088.34	389.21	3,089.82	1.17	1.16	0.15
15,476.00	88.66	180.10	12,593.54	-3,182.32	387.77	3,183.79	2.78	-2.23	-1.66
15,570.00	88.07	180.13	12,596.23	-3,276.28	387.58	3,277.75	0.63	-0.63	0.03
15,664.00	88.24	179.25	12,599.25	-3,370.23	388.09	3,371.70	0.95	0.18	-0.94
15,758.00	90.84	178.98	12,600.01	-3,464.21	389.54	3,465.68	2.78	2.77	-0.29
15,852.00	90.67	178.67	12,598.77	-3,558.18	391.47	3,559.66	0.38	-0.18	-0.33
15,947.00	90.14	177.48	12,598.10	-3,653.12	394.66	3,654.61	1.37	-0.56	-1.25
16,041.00	89.10	179.28	12,598.72	-3,747.08	397.31	3,748.58	2.21	-1.11	1.91
16,134.00	88.66	178.99	12,600.54	-3,840.05	398.72	3,841.55	0.57	-0.47	-0.31
16,228.00	87.93	178.77	12,603.34	-3,933.99	400.55	3,935.50	0.81	-0.78	-0.23
16,323.00	90.25	179.53	12,604.84	-4,028.96	401.96	4,030.48	2.57	2.44	0.80
16,417.00	90.59	180.09	12,604.16	-4,122.96	402.28	4,124.47	0.70	0.36	0.60
16,511.00	90.78	180.08	12,603.03	-4,216.95	402.14	4,218.46	0.20	0.20	-0.01
16,604.00	90.45	179.89	12,602.03	-4,309.95	402.16	4,311.46	0.41	-0.35	-0.20



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)
16,698.00	89.92	179.31	12,601.73	-4,403.94	402.82	4,405.46	0.84	-0.56	-0.62
16,791.00	89.83	179.56	12,601.93	-4,496.94	403.73	4,498.45	0.29	-0.10	0.27
16,886.00	89.83	179.11	12,602.21	-4,591.93	404.84	4,593.45	0.47	0.00	-0.47
16,980.00	89.94	179.19	12,602.40	-4,685.92	406.23	4,687.44	0.14	0.12	0.09
17,074.00	90.08	179.36	12,602.39	-4,779.91	407.42	4,781.44	0.23	0.15	0.18
17,167.00	90.14	179.25	12,602.21	-4,872.90	408.55	4,874.44	0.13	0.06	-0.12
17,261.00	90.08	178.78	12,602.03	-4,966.89	410.16	4,968.43	0.50	-0.06	-0.50
17,355.00	89.16	178.60	12,602.65	-5,060.86	412.31	5,062.41	1.00	-0.98	-0.19
17,448.00	89.80	178.58	12,603.50	-5,153.83	414.60	5,155.38	0.69	0.69	-0.02
17,542.00	90.70	179.67	12,603.09	-5,247.82	416.04	5,249.38	1.50	0.96	1.16
17,636.00	90.92	179.30	12,601.76	-5,341.80	416.88	5,343.36	0.46	0.23	-0.39
17,731.00	89.97	179.14	12,601.02	-5,436.79	418.17	5,438.36	1.01	-1.00	-0.17
17,782.00	89.36	178.76	12,601.32	-5,487.78	419.11	5,489.35	1.41	-1.20	-0.75
17,844.00	89.19	178.37	12,602.10	-5,549.76	420.66	5,551.33	0.69	-0.27	-0.63
17,938.00	90.08	179.79	12,602.70	-5,643.74	422.17	5,645.32	1.78	0.95	1.51
18,032.00	91.68	180.71	12,601.26	-5,737.72	421.76	5,739.30	1.96	1.70	0.98
18,126.00	92.05	180.82	12,598.20	-5,831.66	420.51	5,833.24	0.41	0.39	0.12
18,221.00	90.50	180.44	12,596.08	-5,926.63	419.46	5,928.20	1.68	-1.63	-0.40
18,315.00	90.42	180.52	12,595.33	-6,020.63	418.68	6,022.19	0.12	-0.09	0.09
18,409.00	90.42	180.48	12,594.64	-6,114.62	417.85	6,116.18	0.04	0.00	-0.04
18,503.00	90.45	180.46	12,593.93	-6,208.61	417.08	6,210.17	0.04	0.03	-0.02
18,597.00	90.20	180.22	12,593.39	-6,302.61	416.53	6,304.16	0.37	-0.27	-0.26
18,690.00	90.20	180.01	12,593.07	-6,395.61	416.34	6,397.16	0.23	0.00	-0.23
18,783.00	90.36	179.92	12,592.61	-6,488.61	416.40	6,490.16	0.20	0.17	-0.10
18,878.00	90.53	179.54	12,591.88	-6,583.60	416.84	6,585.16	0.44	0.18	-0.40
18,973.00	90.78	179.05	12,590.79	-6,678.59	418.01	6,680.15	0.58	0.26	-0.52
19,067.00	90.92	178.97	12,589.40	-6,772.57	419.64	6,774.13	0.17	0.15	-0.09
19,162.00	90.87	178.87	12,587.91	-6,867.54	421.43	6,869.10	0.12	-0.05	-0.11
19,256.00	91.62	179.52	12,585.87	-6,961.50	422.75	6,963.08	1.06	0.80	0.69
19,350.00	90.56	180.54	12,584.08	-7,055.49	422.70	7,057.06	1.56	-1.13	1.09
19,444.00	89.22	180.46	12,584.26	-7,149.48	421.88	7,151.05	1.43	-1.43	-0.09
19,539.00	88.26	179.84	12,586.35	-7,244.45	421.63	7,246.02	1.20	-1.01	-0.65
19,634.00	87.39	180.86	12,589.96	-7,339.38	421.05	7,340.94	1.41	-0.92	1.07
19,728.00	88.68	181.38	12,593.18	-7,433.31	419.21	7,434.86	1.48	1.37	0.55
19,822.00	91.20	181.97	12,593.28	-7,527.26	416.47	7,528.80	2.75	2.68	0.63
19,916.00	91.15	181.85	12,591.35	-7,621.19	413.33	7,622.72	0.14	-0.05	-0.13
20,010.00	90.00	181.42	12,590.41	-7,715.14	410.65	7,716.66	1.31	-1.22	-0.46
20,104.00	90.14	181.53	12,590.29	-7,809.11	408.23	7,810.62	0.19	0.15	0.12
20,197.00	91.04	182.35	12,589.33	-7,902.05	405.08	7,903.55	1.31	0.97	0.88
20,291.00	88.82	179.96	12,589.45	-7,996.02	403.19	7,997.51	3.47	-2.36	-2.54
20,386.00	86.16	178.26	12,593.61	-8,090.90	404.66	8,092.40	3.32	-2.80	-1.79
20,480.00	88.91	177.88	12,597.65	-8,184.75	407.82	8,186.26	2.95	2.93	-0.40
20,574.00	90.70	178.17	12,597.97	-8,278.69	411.06	8,280.21	1.93	1.90	0.31



Nabors Drilling Solutions

Survey Report



Company:	XTO Permian Operating, LLC	Local Co-ordinate Reference:	Well 162H
Project:	Eddy Co., NM	TVD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Site:	Poker Lake Unit 18TWR	MD Reference:	RT=33(Nabors X15) @ 3528.00ft (Nabors X15)
Well:	162H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys API: 30-015-46431	Database:	RyanUSA_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)
20,669.00	89.78	177.33	12,597.57	-8,373.62	414.79	8,375.15	1.31	-0.97	-0.88
20,763.00	90.11	177.36	12,597.66	-8,467.52	419.15	8,469.06	0.35	0.35	0.03
20,857.00	91.04	178.62	12,596.72	-8,561.45	422.44	8,563.01	1.67	0.99	1.34
20,951.00	91.34	178.92	12,594.77	-8,655.41	424.46	8,656.98	0.45	0.32	0.32
21,046.00	92.21	178.96	12,591.83	-8,750.35	426.22	8,751.92	0.92	0.92	0.04
21,139.00	92.94	179.04	12,587.65	-8,843.24	427.84	8,844.82	0.79	0.78	0.09
21,233.00	91.46	179.31	12,584.04	-8,937.16	429.19	8,938.74	1.60	-1.57	0.29
21,328.00	90.73	179.14	12,582.22	-9,032.13	430.48	9,033.72	0.79	-0.77	-0.18
21,421.00	89.30	181.40	12,582.20	-9,125.12	430.04	9,126.70	2.88	-1.54	2.43
21,516.00	89.69	183.42	12,583.04	-9,220.03	426.04	9,221.60	2.17	0.41	2.13
21,609.00	89.55	185.23	12,583.65	-9,312.76	419.03	9,314.30	1.95	-0.15	1.95
21,703.00	89.27	185.10	12,584.62	-9,406.37	410.57	9,407.88	0.33	-0.30	-0.14
21,797.00	87.45	182.37	12,587.31	-9,500.12	404.45	9,501.60	3.49	-1.94	-2.90
21,891.00	88.49	181.15	12,590.64	-9,594.01	401.56	9,595.48	1.70	1.11	-1.30
21,985.00	88.94	179.75	12,592.75	-9,687.98	400.83	9,689.45	1.56	0.48	-1.49
22,080.00	89.61	179.29	12,593.95	-9,782.97	401.62	9,784.44	0.86	0.71	-0.48
22,174.00	90.11	178.99	12,594.18	-9,876.96	403.03	9,878.43	0.62	0.53	-0.32
22,268.00	89.83	178.38	12,594.23	-9,970.93	405.19	9,972.42	0.71	-0.30	-0.65
22,362.00	88.54	177.89	12,595.57	-10,064.87	408.25	10,066.37	1.47	-1.37	-0.52
22,456.00	91.34	178.94	12,595.67	-10,158.83	410.85	10,160.33	3.18	2.98	1.12
22,551.00	91.40	179.25	12,593.40	-10,253.79	412.35	10,255.30	0.33	0.06	0.33
22,598.00	91.91	179.56	12,592.04	-10,300.77	412.84	10,302.27	1.27	1.09	0.66
22,650.00	91.91	179.56	12,590.30	-10,352.73	413.24	10,354.25	0.00	0.00	0.00
PTB @ 22650' MD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
22,650.00	12,590.30	-10,352.73	413.24	PTB @ 22650' MD

Checked By: _____ Approved By: _____ Date: _____

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								1. WELL API NO. 30-015-46426		
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)								2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name POKER LAKE UNIT 18 TWR								6. Well Number: 102H		
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:	D	19	24S	31E		75	North	785	West	Eddy
BH:	M	30	24S	31E	4	207	South	748	West	Eddy
13. Date Spudded 2/25/2020	14. Date T.D. Reached 4/7/2020		15. Date Rig Released 4/10/2020		16. Date Completed (Ready to Produce) 6/18/2021			17. Elevations (DF and RKB, RT, GR, etc.) 3496' GL		
18. Total Measured Depth of Well 21,630			19. Plug Back Measured Depth 21,628		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11,932 - 21,474 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		834'		14 3/4"		805		
8 5/8"		32.0		10,795'		10 5/8"		1355		
5 1/2"		23.0		21,638'		7 7/8"		2875		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8" L80 6.5#	10,887	10,872		
26. Perforation record (interval, size, and number) 11,932 - 21,474 4spf, 1560 Total Shots 64 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11,932 - 21,474		326,281 bbl fluid + 14,371,220 lbs proppant		
28. PRODUCTION										
Date First Production 6/19/21		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in) Producing				
Date of Test 6/20/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 1057	Gas - MCF 3386	Water - Bbl. 8251	Gas - Oil Ratio 3202			
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 1057	Gas - MCF 3386	Water - Bbl. 8251	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 <u>Cassie Evans</u>			Printed Name Cassie Evans		Title Regulatory Analyst		Date 08/24/2021			
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	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 901'	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3998'	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 4272'	T. Morrison	
T. Drinkard	T. Bone Springs 8114'	T. Todilto	
T. Abo	T. Rustler 531'	T. Entrada	
T. Wolfcamp 11532'	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 44042

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 44042
	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.

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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 44042

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 44042
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/24/2021