

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 - 015-45484	⁵ Pool Name PURPLE SAGE: WOLFMP CAMP	⁶ Pool Code 98220
⁷ Property Code 325599	⁸ Property Name POKER LAKE UNIT 28 BS	⁹ Well Number 126H

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
G	28	25S	31E		2310	North	1950	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
O	4	26S	31E		214	South	1643	East	Eddy
¹² Lse Code F	¹³ Producing Method F	¹⁴ Gas Connection Code	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
034053	Plains Marketing, LP	O
005380	XTO Energy, Inc.	G

IV. Well Completion Data

²¹ Spud Date 10/9/2019	²² Ready Date 12/15/2020	²³ TD 25684 MD 12518 TVD	²⁴ PBT 25672 MD 12518 TVD	²⁵ Perforations 12920 - 25535	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
24	18.625	980	2510		
17.5	13.75	4106	3005		
12.25	9.625	11592	2447		
8.5	5.5/ 2.875	25674/ 11914	5530		

V. Well Test Data

³¹ Date New Oil 12/16/2020	³² Gas Delivery Date 12/16/2020	³³ Test Date 12/21/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 3406	³⁶ Csg. Pressure 2231
³⁷ Choke Size	³⁸ Oil 384	³⁹ Water 3031	⁴⁰ Gas 6834		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: 			OIL CONSERVATION DIVISION Approved by: PATRICIA MARTINEZ		
Printed name: Cassie Evans			Title: PETROLEUM SPECIALIST		
Title: Regulatory Analyst			Approval Date: 6/24/2021		
E-mail Address: cassie.evans@exxonmobil.com					
Date: 02/09/2021	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 30-015-45484	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 325599	⁵ Property Name POKER LAKE UNIT 28 BS	⁶ Well Number 126H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,340'

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
G	28	25 S	31 E		2,310	NORTH	1,950	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
O	4	26 S	31 E		214	SOUTH	1,643	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 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,300.4 X= 671,231.2 LAT.= 32.102084°N LONG.= 103.780355°W KICK OFF POINT NAD 27 NME Y= 410,243.3 X= 671,534.1 LAT.= 32.101923°N LONG.= 103.779378°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,956.5 N, X= 670,521.7 E B - Y= 400,962.8 N, X= 671,850.9 E C - Y= 398,304.2 N, X= 670,514.6 E D - Y= 398,312.1 N, X= 671,845.7 E E - Y= 395,652.3 N, X= 670,529.0 E F - Y= 395,661.9 N, X= 671,859.4 E G - Y= 393,002.3 N, X= 670,543.3 E H - Y= 393,012.5 N, X= 671,873.1 E I - Y= 390,337.1 N, X= 670,552.3 E J - Y= 390,347.9 N, X= 671,881.5 E K - Y= 387,673.5 N, X= 670,561.3 E L - Y= 387,683.4 N, X= 671,889.6 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 401,014.4 N, X= 711,707.3 E B - Y= 401,020.7 N, X= 713,036.5 E C - Y= 398,362.0 N, X= 711,700.3 E D - Y= 398,369.9 N, X= 713,031.4 E E - Y= 395,710.0 N, X= 711,714.8 E F - Y= 395,719.6 N, X= 713,045.2 E G - Y= 393,060.0 N, X= 711,729.2 E H - Y= 393,070.2 N, X= 713,059.0 E I - Y= 390,394.7 N, X= 711,738.3 E J - Y= 390,405.5 N, X= 713,067.5 E K - Y= 387,731.1 N, X= 711,747.4 E L - Y= 387,741.0 N, X= 713,075.8 E LAST TAKE POINT NAD 27 NME Y= 388,043.9 X= 671,573.7 LAT.= 32.065638°N LONG.= 103.779469°W BOTTOM HOLE LOCATION NAD 27 NME Y= 387,895.0 X= 671,574.8 LAT.= 32.065228°N LONG.= 103.779468°W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,358.3 X= 712,416.8 LAT.= 32.102208°N LONG.= 103.780833°W KICK OFF POINT NAD 83 NME Y= 401,301.2 X= 712,719.7 LAT.= 32.102047°N LONG.= 103.779856°W FIRST TAKE POINT NAD 83 NME Y= 400,642.9 X= 671,544.5 LAT.= 32.100272°N LONG.= 103.779355°W FIRST TAKE POINT NAD 83 NME Y= 400,700.8 X= 712,730.1 LAT.= 32.100396°N LONG.= 103.779833°W LAST TAKE POINT NAD 83 NME Y= 388,101.5 X= 712,759.8 LAT.= 32.065763°N LONG.= 103.779945°W BOTTOM HOLE LOCATION NAD 83 NME Y= 387,952.5 X= 712,760.9 LAT.= 32.065353°N LONG.= 103.779944°W		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Cassie Evans</i> 02/09/2021 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. 1-26-2021 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number LM/JC 2017070995
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Intent ☐ As Drilled ☒

API # 30-015-45472		
Operator Name: XTO PERMIAN OPERATING LLC	Property Name: POKER LAKE UNIT 28 BS	Well Number 703H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
G	28	25S	31E		2,368	FNL	1,647	FEL	EDDY
Latitude 32.102047					Longitude 103.779856				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
J	28	25S	31E		2,333	FSL	1,635	FEL	EDDY
Latitude 32.100396					Longitude 103.779833				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	4	26S	31E		363	FSL	1,643	FEL	EDDY
Latitude 32.065763					Longitude 103.779945				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



Invictus Tools LLC
501 Winscott Rd
Benbrook, TX 76126

September 9, 2020

State of New Mexico
Eddy County

I, Robert "BJ" Weber, certify that: I represent Invictus Tools, LLC; that I did on the day(s) of 10 October 2019 through 10 October 2019 conduct or supervise the taking of MWD surveys from a depth of 208 feet measured depth to a depth of 1026 feet measured depth that the data is true, correct, complete, and within the limitations of the tool as set forth by Invictus Tools LLC; that I am authorized and qualified to make this report; that the survey was conducted at the request of XTO Energy Inc. for the POKER LAKE UNIT 28 BS No. 126H (A.P. I. No.: 30-015-45484), Cactus Rig 118 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 Invictus Tools, LLC.

A handwritten signature in black ink, appearing to read "BJ Weber".

Robert "BJ" Weber
Vice President
Invictus Tools, LLC



I Joseph Proske, certify that I am employed by Scout Downhole Inc. (SDI). That I did on the day(s) of 10/13/19 thru 12/13/19 conduct or supervise the taking of a MWD Survey from a depth of 1065' to a depth of 25629'; that the data is true, correct, complete and within the limitations of the tool as set forth by Scout Downhole Inc. (SDI).; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO ENERGY LLC. for the PLU 28 Big Sinks 126H API No. 30-015-45484 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 Scout Downhole Inc. (SDI).

Joseph Proske

Joseph
Proske

Digitally signed by: Joseph
Proske
DN: CN = Joseph Proske
email =
jproske@scoutdrilltech.com
C = US O = Scout
Downhole OU = SDI
Date: 2020.04.29 15:52:27
-05'00'

1125 Beach Airport Rd, Conroe, Texas
77301
PH 936-756-3255 FAX 936-756-3229



XTO Energy

Eddy County, NM

PLU 28 Big Sinks

PLU 28 Big Sinks 126H_156H

Wellbore #1

Design: Surveys

Standard Survey Report

16 December, 2019



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Project	Eddy County, 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	PLU 28 Big Sinks		
Site Position:		Northing:	401,300.20 usft
From:	Map	Easting:	671,171.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 6' 7.503 N
		Longitude:	103° 46' 49.977 W
		Grid Convergence:	0.29 °

Well	PLU 28 Big Sinks 126H_156H		
Well Position	+N/-S	0.00 usft	Northing: 401,300.40 usft
	+E/-W	0.00 usft	Easting: 671,231.20 usft
Position Uncertainty	0.00 usft		Wellhead Elevation: usft
			Latitude: 32° 6' 7.501 N
			Longitude: 103° 46' 49.279 W
			Ground Level: 3,340.00 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	9/30/2019	6.68
			Dip Angle (°) 59.70
			Field Strength (nT) 47,770.00000000

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 179.83

Survey Program	Date	12/16/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
235.00	1,053.00	Invictus Surveys (Wellbore #1)	A008Mb_MWD+IFR1+MS OWSG MWD + IFR1 + Multi-Station Correction	
1,065.00	25,684.00	ST01 (Wellbore #1)	A008Mb_MWD+IFR1+MS OWSG MWD + IFR1 + Multi-Station Correction	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
235.00	0.70	12.71	234.99	1.40	0.32	-1.40	0.30	0.30	0.00
329.00	1.10	0.00	328.98	2.86	0.44	-2.86	0.47	0.43	-13.52
441.00	0.80	359.00	440.97	4.72	0.43	-4.72	0.27	-0.27	-0.89
535.00	0.30	327.00	534.96	5.58	0.28	-5.58	0.60	-0.53	-34.04
629.00	0.30	26.00	628.96	6.01	0.26	-6.01	0.31	0.00	62.77
723.00	0.80	159.00	722.96	5.62	0.60	-5.62	1.09	0.53	141.49
816.00	1.50	143.00	815.94	4.04	1.57	-4.04	0.82	0.75	-17.20
910.00	1.30	147.00	909.91	2.16	2.89	-2.15	0.24	-0.21	4.26
1,004.00	0.40	209.00	1,003.90	0.98	3.31	-0.97	1.24	-0.96	65.96



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,053.00	0.40	180.00	1,052.90	0.66	3.23	-0.65	0.41	0.00	-59.18
1,065.00	0.48	307.23	1,064.90	0.65	3.19	-0.64	6.58	0.67	1,060.25
1,158.00	0.40	304.07	1,157.90	1.07	2.61	-1.06	0.09	-0.09	-3.40
1,248.00	0.53	315.49	1,247.89	1.54	2.05	-1.53	0.18	0.14	12.69
1,341.00	1.54	6.91	1,340.88	3.09	1.90	-3.08	1.37	1.09	55.29
1,435.00	2.24	1.37	1,434.83	6.18	2.10	-6.17	0.77	0.74	-5.89
1,529.00	2.11	3.31	1,528.76	9.74	2.24	-9.74	0.16	-0.14	2.06
1,622.00	2.11	4.10	1,621.70	13.16	2.46	-13.15	0.03	0.00	0.85
1,716.00	2.24	5.94	1,715.63	16.71	2.78	-16.70	0.16	0.14	1.96
1,810.00	2.55	8.23	1,809.55	20.61	3.27	-20.60	0.35	0.33	2.44
1,904.00	2.77	15.00	1,903.45	24.87	4.15	-24.86	0.41	0.23	7.20
1,997.00	3.34	22.73	1,996.31	29.54	5.78	-29.52	0.75	0.61	8.31
2,091.00	3.56	26.86	2,090.14	34.67	8.16	-34.65	0.35	0.23	4.39
2,185.00	3.96	32.75	2,183.94	40.00	11.23	-39.97	0.59	0.43	6.27
2,279.00	3.74	36.44	2,277.73	45.20	14.81	-45.16	0.35	-0.23	3.93
2,371.00	3.56	41.27	2,369.54	49.76	18.48	-49.71	0.39	-0.20	5.25
2,465.00	3.38	51.65	2,463.37	53.67	22.58	-53.61	0.69	-0.19	11.04
2,559.00	3.47	52.00	2,557.20	57.14	26.99	-57.06	0.10	0.10	0.37
2,653.00	3.56	51.03	2,651.03	60.73	31.50	-60.64	0.11	0.10	-1.03
2,747.00	3.65	48.57	2,744.84	64.55	36.01	-64.44	0.19	0.10	-2.62
2,840.00	3.65	45.67	2,837.65	68.57	40.35	-68.45	0.20	0.00	-3.12
2,934.00	3.74	46.02	2,931.46	72.79	44.70	-72.66	0.10	0.10	0.37
3,027.00	3.87	47.60	3,024.25	77.02	49.20	-76.87	0.18	0.14	1.70
3,121.00	3.87	46.99	3,118.04	81.32	53.86	-81.16	0.04	0.00	-0.65
3,214.00	4.04	46.11	3,210.82	85.73	58.51	-85.56	0.19	0.18	-0.95
3,308.00	3.87	45.32	3,304.59	90.26	63.16	-90.07	0.19	-0.18	-0.84
3,401.00	3.96	42.59	3,397.38	94.83	67.56	-94.63	0.22	0.10	-2.94
3,495.00	3.91	42.77	3,491.15	99.57	71.93	-99.36	0.05	-0.05	0.19
3,588.00	3.91	46.20	3,583.94	104.09	76.38	-103.87	0.25	0.00	3.69
3,682.00	3.82	52.44	3,677.72	108.22	81.17	-107.98	0.46	-0.10	6.64
3,775.00	3.82	56.66	3,770.52	111.81	86.22	-111.55	0.30	0.00	4.54
3,869.00	4.26	54.99	3,864.28	115.54	91.69	-115.26	0.48	0.47	-1.78
3,963.00	4.18	56.74	3,958.03	119.42	97.41	-119.13	0.16	-0.09	1.86
4,028.00	4.26	56.66	4,022.85	122.04	101.41	-121.74	0.12	0.12	-0.12
4,149.00	4.84	55.51	4,143.47	127.40	109.37	-127.08	0.49	0.48	-0.95
4,242.00	4.75	61.14	4,236.15	131.48	115.98	-131.14	0.51	-0.10	6.05
4,336.00	4.92	74.41	4,329.81	134.45	123.27	-134.08	1.20	0.18	14.12
4,429.00	5.01	86.19	4,422.47	135.79	131.17	-135.40	1.10	0.10	12.67
4,523.00	5.05	90.41	4,516.11	136.03	139.40	-135.62	0.40	0.04	4.49
4,617.00	5.01	90.41	4,609.74	135.97	147.64	-135.53	0.04	-0.04	0.00
4,710.00	4.79	92.25	4,702.40	135.79	155.58	-135.33	0.29	-0.24	1.98
4,804.00	4.48	95.85	4,796.10	135.26	163.15	-134.78	0.45	-0.33	3.83
4,898.00	4.04	97.26	4,889.84	134.47	170.09	-133.96	0.48	-0.47	1.50



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,991.00	3.82	103.41	4,982.62	133.34	176.35	-132.81	0.51	-0.24	6.61
5,085.00	3.69	103.94	5,076.42	131.88	182.34	-131.34	0.14	-0.14	0.56
5,179.00	3.65	105.17	5,170.22	130.37	188.16	-129.81	0.09	-0.04	1.31
5,272.00	3.74	107.02	5,263.03	128.71	193.92	-128.13	0.16	0.10	1.99
5,366.00	4.22	111.24	5,356.80	126.56	200.07	-125.96	0.60	0.51	4.49
5,460.00	4.18	108.60	5,450.55	124.21	206.54	-123.60	0.21	-0.04	-2.81
5,554.00	4.13	110.62	5,544.30	121.93	212.96	-121.29	0.16	-0.05	2.15
5,648.00	4.22	110.18	5,638.06	119.54	219.37	-118.89	0.10	0.10	-0.47
5,741.00	4.18	110.09	5,730.81	117.20	225.77	-116.53	0.04	-0.04	-0.10
5,835.00	4.18	113.26	5,824.56	114.67	232.13	-113.98	0.25	0.00	3.37
5,929.00	4.26	115.54	5,918.30	111.81	238.43	-111.10	0.20	0.09	2.43
6,023.00	4.04	119.15	6,012.05	108.69	244.47	-107.97	0.36	-0.23	3.84
6,117.00	3.91	121.43	6,105.83	105.41	250.10	-104.66	0.22	-0.14	2.43
6,210.00	4.13	121.08	6,198.60	102.02	255.67	-101.27	0.24	0.24	-0.38
6,304.00	4.31	122.66	6,292.34	98.37	261.54	-97.59	0.23	0.19	1.68
6,398.00	4.26	125.39	6,386.08	94.44	267.36	-93.65	0.22	-0.05	2.90
6,492.00	4.35	130.57	6,479.82	90.10	272.92	-89.29	0.42	0.10	5.51
6,585.00	4.09	132.15	6,572.57	85.58	278.06	-84.76	0.31	-0.28	1.70
6,679.00	2.95	137.43	6,666.39	81.55	282.18	-80.71	1.26	-1.21	5.62
6,773.00	2.90	135.85	6,760.26	78.06	285.47	-77.22	0.10	-0.05	-1.68
6,867.00	2.90	137.95	6,854.14	74.59	288.72	-73.74	0.11	0.00	2.23
6,961.00	2.73	142.26	6,948.03	71.06	291.68	-70.19	0.29	-0.18	4.59
7,054.00	1.89	142.79	7,040.95	68.08	293.97	-67.21	0.90	-0.90	0.57
7,148.00	1.76	147.89	7,134.91	65.63	295.67	-64.75	0.22	-0.14	5.43
7,242.00	1.54	150.87	7,228.87	63.30	297.05	-62.42	0.25	-0.23	3.17
7,335.00	0.70	168.72	7,321.85	61.65	297.77	-60.77	0.97	-0.90	19.19
7,429.00	0.88	172.32	7,415.84	60.37	297.98	-59.49	0.20	0.19	3.83
7,523.00	0.88	167.05	7,509.83	58.95	298.24	-58.07	0.09	0.00	-5.61
7,616.00	0.97	169.60	7,602.82	57.48	298.54	-56.60	0.11	0.10	2.74
7,710.00	1.10	170.03	7,696.80	55.81	298.84	-54.93	0.14	0.14	0.46
7,804.00	1.01	169.42	7,790.79	54.11	299.15	-53.22	0.10	-0.10	-0.65
7,897.00	1.23	165.29	7,883.77	52.34	299.55	-51.45	0.25	0.24	-4.44
7,991.00	1.32	161.33	7,977.74	50.34	300.16	-49.45	0.13	0.10	-4.21
8,085.00	1.36	163.97	8,071.72	48.24	300.81	-47.35	0.08	0.04	2.81
8,179.00	1.14	157.20	8,165.70	46.31	301.48	-45.41	0.28	-0.23	-7.20
8,273.00	0.84	151.75	8,259.68	44.84	302.17	-43.94	0.33	-0.32	-5.80
8,366.00	0.88	161.07	8,352.67	43.56	302.72	-42.66	0.16	0.04	10.02
8,460.00	0.88	167.49	8,446.66	42.17	303.11	-41.27	0.10	0.00	6.83
8,554.00	0.84	153.07	8,540.65	40.85	303.58	-39.95	0.23	-0.04	-15.34
8,648.00	1.01	155.09	8,634.64	39.49	304.24	-38.59	0.18	0.18	2.15
8,742.00	1.01	146.48	8,728.62	38.05	305.05	-37.14	0.16	0.00	-9.16
8,835.00	1.23	144.02	8,821.61	36.55	306.09	-35.65	0.24	0.24	-2.65
8,929.00	1.23	138.66	8,915.58	34.98	307.35	-34.07	0.12	0.00	-5.70



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,023.00	1.10	155.36	9,009.56	33.40	308.39	-32.49	0.39	-0.14	17.77
9,117.00	1.14	175.57	9,103.55	31.65	308.84	-30.73	0.42	0.04	21.50
9,210.00	1.45	174.17	9,196.52	29.56	309.03	-28.64	0.34	0.33	-1.51
9,304.00	1.49	174.52	9,290.49	27.16	309.27	-26.24	0.04	0.04	0.37
9,398.00	1.45	178.82	9,384.46	24.75	309.41	-23.83	0.12	-0.04	4.57
9,492.00	1.23	177.59	9,478.44	22.56	309.48	-21.64	0.24	-0.23	-1.31
9,586.00	1.14	188.58	9,572.42	20.62	309.38	-19.70	0.26	-0.10	11.69
9,679.00	1.01	172.85	9,665.40	18.89	309.34	-17.98	0.35	-0.14	-16.91
9,773.00	0.97	179.09	9,759.39	17.28	309.46	-16.36	0.12	-0.04	6.64
9,867.00	0.92	166.43	9,853.37	15.75	309.65	-14.83	0.23	-0.05	-13.47
9,960.00	0.97	169.68	9,946.36	14.25	309.96	-13.33	0.08	0.05	3.49
10,054.00	1.19	168.45	10,040.34	12.51	310.30	-11.59	0.24	0.23	-1.31
10,148.00	1.32	156.32	10,134.32	10.56	310.93	-9.64	0.31	0.14	-12.90
10,242.00	1.76	143.67	10,228.29	8.41	312.22	-7.48	0.59	0.47	-13.46
10,335.00	2.11	145.51	10,321.23	5.84	314.04	-4.91	0.38	0.38	1.98
10,429.00	2.73	137.51	10,415.15	2.77	316.53	-1.83	0.75	0.66	-8.51
10,523.00	3.12	139.89	10,509.03	-0.84	319.69	1.79	0.43	0.41	2.53
10,617.00	3.16	155.09	10,602.89	-5.15	322.43	6.10	0.88	0.04	16.17
10,711.00	2.99	157.99	10,696.75	-9.77	324.44	10.73	0.25	-0.18	3.09
10,805.00	2.59	163.88	10,790.64	-14.08	325.95	15.05	0.52	-0.43	6.27
10,899.00	2.02	175.22	10,884.57	-17.77	326.68	18.74	0.77	-0.61	12.06
10,993.00	1.63	184.98	10,978.52	-20.76	326.70	21.73	0.53	-0.41	10.38
11,086.00	1.49	196.23	11,071.48	-23.23	326.25	24.20	0.36	-0.15	12.10
11,180.00	1.98	208.79	11,165.44	-25.83	325.12	26.80	0.66	0.52	13.36
11,273.00	2.73	209.59	11,258.36	-29.17	323.25	30.12	0.81	0.81	0.86
11,367.00	2.86	210.73	11,352.25	-33.13	320.95	34.08	0.15	0.14	1.21
11,461.00	2.99	213.19	11,446.13	-37.19	318.41	38.14	0.19	0.14	2.62
11,513.00	2.95	211.87	11,498.06	-39.47	316.96	40.41	0.15	-0.08	-2.54
11,662.00	3.21	218.74	11,646.84	-45.98	312.33	46.90	0.30	0.17	4.61
11,756.00	3.25	219.40	11,740.69	-50.09	308.99	51.00	0.06	0.04	0.70
11,850.00	2.91	223.62	11,834.56	-53.87	305.65	54.78	0.43	-0.36	4.49
11,943.00	4.75	218.43	11,927.35	-58.60	301.63	59.49	2.01	1.98	-5.58
11,990.00	10.12	189.07	11,973.95	-64.21	299.77	65.10	13.65	11.43	-62.47
12,037.00	14.86	181.26	12,019.83	-74.32	298.98	75.20	10.68	10.09	-16.62
12,084.00	17.66	180.69	12,064.94	-87.47	298.76	88.36	5.97	5.96	-1.21
12,131.00	20.29	179.41	12,109.38	-102.75	298.76	103.64	5.67	5.60	-2.72
12,178.00	22.90	177.36	12,153.08	-120.04	299.27	120.93	5.78	5.55	-4.36
12,225.00	25.61	176.62	12,195.93	-139.32	300.29	140.21	5.80	5.77	-1.57
12,272.00	26.77	180.88	12,238.11	-160.05	300.72	160.94	4.70	2.47	9.06
12,318.00	31.35	180.86	12,278.30	-182.38	300.38	183.27	9.96	9.96	-0.04
12,365.00	37.64	177.36	12,317.03	-208.97	300.86	209.86	14.03	13.38	-7.45
12,412.00	40.55	174.85	12,353.50	-238.53	302.90	239.43	7.05	6.19	-5.34
12,459.00	42.79	174.76	12,388.61	-269.65	305.73	270.55	4.77	4.77	-0.19
12,506.00	45.23	175.29	12,422.41	-302.18	308.55	303.09	5.25	5.19	1.13



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,553.00	47.52	176.31	12,454.83	-336.11	311.04	337.03	5.12	4.87	2.17
12,600.00	49.84	178.19	12,485.86	-371.36	312.72	372.28	5.78	4.94	4.00
12,647.00	53.66	179.64	12,514.96	-408.25	313.41	409.18	8.48	8.13	3.09
12,694.00	57.43	180.56	12,541.54	-447.00	313.33	447.93	8.18	8.02	1.96
12,741.00	62.54	182.76	12,565.05	-487.66	312.14	488.59	11.60	10.87	4.68
12,788.00	67.08	181.79	12,585.05	-530.15	310.45	531.07	9.84	9.66	-2.06
12,835.00	73.07	179.71	12,601.06	-574.31	309.89	575.22	13.41	12.74	-4.43
12,881.00	78.45	177.52	12,612.37	-618.86	310.98	619.78	12.57	11.70	-4.76
12,928.00	87.66	175.88	12,618.05	-665.39	313.67	666.31	19.90	19.60	-3.49
12,941.53	89.74	175.84	12,618.36	-678.88	314.64	679.81	15.39	15.38	-0.30
PLU 28 Big Sinks 126H_156H FTP									
12,975.00	94.89	175.74	12,617.00	-712.22	317.10	713.16	15.39	15.38	-0.30
13,029.00	95.74	175.02	12,612.00	-765.81	321.43	766.76	2.06	1.57	-1.33
13,123.00	93.74	175.52	12,604.24	-859.17	329.15	860.14	2.19	-2.13	0.53
13,217.00	89.01	173.40	12,601.98	-952.67	338.22	953.67	5.51	-5.03	-2.26
13,311.00	88.17	177.26	12,604.29	-1,046.31	345.87	1,047.33	4.20	-0.89	4.11
13,405.00	87.97	180.29	12,607.46	-1,140.22	347.88	1,141.25	3.23	-0.21	3.22
13,499.00	89.79	181.66	12,609.30	-1,234.18	346.28	1,235.21	2.42	1.94	1.46
13,593.00	87.48	181.31	12,611.54	-1,328.12	343.85	1,329.13	2.49	-2.46	-0.37
13,687.00	91.58	184.25	12,612.31	-1,421.98	339.29	1,422.98	5.37	4.36	3.13
13,781.00	89.26	182.25	12,611.62	-1,515.81	333.96	1,516.80	3.26	-2.47	-2.13
13,875.00	92.46	183.81	12,610.21	-1,609.65	328.99	1,610.62	3.79	3.40	1.66
13,969.00	86.91	180.35	12,610.72	-1,703.54	325.58	1,704.50	6.96	-5.90	-3.68
14,063.00	88.72	183.64	12,614.31	-1,797.40	322.31	1,798.35	3.99	1.93	3.50
14,157.00	90.27	181.06	12,615.14	-1,891.30	318.46	1,892.24	3.20	1.65	-2.74
14,250.00	89.40	180.97	12,615.41	-1,984.29	316.81	1,985.22	0.94	-0.94	-0.10
14,344.00	91.39	181.21	12,614.76	-2,078.26	315.02	2,079.19	2.13	2.12	0.26
14,437.00	91.58	180.21	12,612.35	-2,171.22	313.87	2,172.15	1.09	0.20	-1.08
14,531.00	89.06	180.98	12,611.82	-2,265.21	312.90	2,266.13	2.80	-2.68	0.82
14,625.00	88.89	181.09	12,613.50	-2,359.18	311.20	2,360.09	0.22	-0.18	0.12
14,719.00	91.39	182.19	12,613.27	-2,453.13	308.51	2,454.04	2.91	2.66	1.17
14,813.00	89.59	182.65	12,612.47	-2,547.04	304.54	2,547.93	1.98	-1.91	0.49
14,907.00	89.71	182.81	12,613.04	-2,640.93	300.06	2,641.81	0.21	0.13	0.17
15,001.00	88.66	183.71	12,614.38	-2,734.77	294.72	2,735.63	1.47	-1.12	0.96
15,096.00	91.44	182.23	12,614.30	-2,829.63	289.80	2,830.48	3.32	2.93	-1.56
15,190.00	91.14	181.98	12,612.18	-2,923.54	286.34	2,924.38	0.42	-0.32	-0.27
15,283.00	89.51	180.46	12,611.66	-3,016.51	284.36	3,017.34	2.40	-1.75	-1.63
15,377.00	90.32	180.36	12,611.79	-3,110.51	283.69	3,111.34	0.87	0.86	-0.11
15,472.00	89.48	180.30	12,611.96	-3,205.51	283.14	3,206.33	0.89	-0.88	-0.06
15,566.00	89.85	180.60	12,612.51	-3,299.50	282.41	3,300.33	0.51	0.39	0.32
15,661.00	90.29	181.19	12,612.39	-3,394.49	280.92	3,395.31	0.77	0.46	0.62
15,755.00	92.83	179.14	12,609.83	-3,488.44	280.65	3,489.26	3.47	2.70	-2.18
15,846.00	89.45	179.91	12,608.02	-3,579.41	281.40	3,580.23	3.81	-3.71	0.85



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,940.00	90.32	180.86	12,608.21	-3,673.40	280.77	3,674.22	1.37	0.93	1.01
16,034.00	90.83	180.92	12,607.27	-3,767.39	279.31	3,768.20	0.55	0.54	0.06
16,129.00	90.85	178.90	12,605.88	-3,862.37	279.46	3,863.18	2.13	0.02	-2.13
16,224.00	90.83	178.87	12,604.48	-3,957.34	281.31	3,958.16	0.04	-0.02	-0.03
16,317.00	90.80	177.48	12,603.16	-4,050.28	284.27	4,051.11	1.49	-0.03	-1.49
16,411.00	89.59	178.59	12,602.84	-4,144.22	287.49	4,145.06	1.75	-1.29	1.18
16,505.00	90.49	179.39	12,602.78	-4,238.21	289.15	4,239.05	1.28	0.96	0.85
16,599.00	91.16	179.48	12,601.42	-4,332.19	290.08	4,333.03	0.72	0.71	0.10
16,693.00	89.54	180.33	12,600.85	-4,426.19	290.23	4,427.03	1.95	-1.72	0.90
16,787.00	93.43	183.74	12,598.41	-4,520.06	286.90	4,520.90	5.50	4.14	3.63
16,880.00	93.68	180.49	12,592.64	-4,612.81	283.48	4,613.63	3.50	0.27	-3.49
16,974.00	91.47	180.46	12,588.42	-4,706.71	282.70	4,707.52	2.35	-2.35	-0.03
17,068.00	91.97	177.57	12,585.60	-4,800.64	284.31	4,801.46	3.12	0.53	-3.07
17,161.00	88.59	172.79	12,585.14	-4,893.27	292.12	4,894.11	6.29	-3.63	-5.14
17,255.00	89.48	177.11	12,586.73	-4,986.87	300.39	4,987.74	4.69	0.95	4.60
17,349.00	91.22	178.92	12,586.15	-5,080.80	303.65	5,081.68	2.67	1.85	1.93
17,443.00	89.45	177.10	12,585.60	-5,174.74	306.91	5,175.62	2.70	-1.88	-1.94
17,537.00	89.99	177.56	12,586.06	-5,268.63	311.29	5,269.53	0.75	0.57	0.49
17,631.00	90.01	178.34	12,586.06	-5,362.57	314.66	5,363.48	0.83	0.02	0.83
17,725.00	90.43	177.12	12,585.70	-5,456.50	318.38	5,457.42	1.37	0.45	-1.30
17,819.00	91.69	175.62	12,583.96	-5,550.29	324.33	5,551.22	2.08	1.34	-1.60
17,913.00	91.02	174.14	12,581.74	-5,643.88	332.71	5,644.84	1.73	-0.71	-1.57
18,007.00	90.41	174.12	12,580.57	-5,737.38	342.33	5,738.37	0.65	-0.65	-0.02
18,100.00	90.04	174.91	12,580.20	-5,829.95	351.22	5,830.97	0.94	-0.40	0.85
18,195.00	90.01	175.50	12,580.16	-5,924.62	359.16	5,925.66	0.62	-0.03	0.62
18,304.00	90.52	174.45	12,579.66	-6,033.20	368.70	6,034.27	1.07	0.47	-0.96
18,399.00	90.63	174.58	12,578.70	-6,127.76	377.78	6,128.85	0.18	0.12	0.14
18,494.00	89.48	173.97	12,578.61	-6,222.28	387.26	6,223.40	1.37	-1.21	-0.64
18,547.00	91.36	176.57	12,578.22	-6,275.09	391.63	6,276.23	6.05	3.55	4.91
18,641.00	90.29	178.13	12,576.87	-6,368.98	395.98	6,370.13	2.01	-1.14	1.66
18,736.00	91.53	180.15	12,575.36	-6,463.95	397.40	6,465.10	2.49	1.31	2.13
18,831.00	91.84	180.28	12,572.57	-6,558.91	397.05	6,560.06	0.35	0.33	0.14
18,925.00	92.59	181.24	12,568.93	-6,652.83	395.80	6,653.97	1.30	0.80	1.02
19,020.00	91.97	181.80	12,565.16	-6,747.72	393.28	6,748.86	0.88	-0.65	0.59
19,114.00	92.40	181.92	12,561.57	-6,841.60	390.23	6,842.73	0.47	0.46	0.13
19,209.00	87.18	182.22	12,561.92	-6,936.50	386.80	6,937.62	5.50	-5.49	0.32
19,303.00	88.02	182.15	12,565.86	-7,030.35	383.22	7,031.46	0.90	0.89	-0.07
19,398.00	88.70	182.04	12,568.57	-7,125.25	379.75	7,126.35	0.73	0.72	-0.12
19,492.00	91.41	182.03	12,568.48	-7,219.18	376.41	7,220.27	2.88	2.88	-0.01
19,587.00	91.39	182.79	12,566.16	-7,314.07	372.42	7,315.14	0.80	-0.02	0.80
19,682.00	90.24	182.19	12,564.81	-7,408.97	368.29	7,410.03	1.37	-1.21	-0.63
19,776.00	91.33	181.70	12,563.52	-7,502.90	365.10	7,503.95	1.27	1.16	-0.52
19,871.00	89.73	182.31	12,562.65	-7,597.84	361.78	7,598.88	1.80	-1.68	0.64



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
19,966.00	90.38	182.22	12,562.55	-7,692.76	358.03	7,693.79	0.69	0.68	-0.09
20,060.00	91.69	182.68	12,560.86	-7,786.66	354.01	7,787.68	1.48	1.39	0.49
20,155.00	92.45	182.37	12,557.43	-7,881.50	349.83	7,882.51	0.86	0.80	-0.33
20,250.00	90.01	180.07	12,555.39	-7,976.45	347.80	7,977.44	3.53	-2.57	-2.42
20,344.00	90.38	179.71	12,555.07	-8,070.45	347.98	8,071.44	0.55	0.39	-0.38
20,439.00	89.51	180.56	12,555.16	-8,165.44	347.76	8,166.44	1.28	-0.92	0.89
20,533.00	92.62	181.41	12,553.41	-8,259.40	346.15	8,260.39	3.43	3.31	0.90
20,628.00	91.16	181.18	12,550.28	-8,354.32	344.00	8,355.31	1.56	-1.54	-0.24
20,723.00	89.96	179.65	12,549.35	-8,449.31	343.31	8,450.29	2.05	-1.26	-1.61
20,817.00	88.61	181.12	12,550.52	-8,543.30	342.68	8,544.28	2.12	-1.44	1.56
20,911.00	90.91	181.34	12,550.92	-8,637.27	340.66	8,638.24	2.46	2.45	0.23
21,005.00	90.27	182.16	12,549.95	-8,731.22	337.79	8,732.18	1.11	-0.68	0.87
21,099.00	86.88	182.27	12,552.28	-8,825.11	334.16	8,826.06	3.61	-3.61	0.12
21,191.00	86.79	181.52	12,557.36	-8,916.91	331.12	8,917.86	0.82	-0.10	-0.82
21,286.00	87.30	180.75	12,562.26	-9,011.77	329.24	9,012.71	0.97	0.54	-0.81
21,380.00	90.43	178.92	12,564.12	-9,105.73	329.52	9,106.67	3.86	3.33	-1.95
21,474.00	85.11	185.64	12,567.78	-9,199.50	325.79	9,200.43	9.11	-5.66	7.15
21,569.00	86.37	184.57	12,574.84	-9,293.86	317.36	9,294.76	1.74	1.33	-1.13
21,663.00	88.61	182.42	12,578.96	-9,387.58	311.64	9,388.47	3.30	2.38	-2.29
21,758.00	89.14	182.94	12,580.82	-9,482.46	307.20	9,483.33	0.78	0.56	0.55
21,852.00	89.79	181.01	12,581.70	-9,576.40	303.96	9,577.26	2.17	0.69	-2.05
21,947.00	93.01	180.68	12,579.38	-9,671.34	302.56	9,672.20	3.41	3.39	-0.35
22,041.00	93.79	180.76	12,573.81	-9,765.17	301.38	9,766.02	0.83	0.83	0.09
22,136.00	94.25	180.94	12,567.15	-9,859.93	299.98	9,860.77	0.52	0.48	0.19
22,230.00	93.24	179.70	12,561.01	-9,953.72	299.45	9,954.57	1.70	-1.07	-1.32
22,324.00	91.39	179.49	12,557.21	-10,047.64	300.12	10,048.48	1.98	-1.97	-0.22
22,417.00	91.05	179.77	12,555.23	-10,140.61	300.72	10,141.46	0.47	-0.37	0.30
22,511.00	89.54	179.23	12,554.74	-10,234.61	301.54	10,235.46	1.71	-1.61	-0.57
22,606.00	90.15	177.45	12,555.00	-10,329.56	304.29	10,330.42	1.98	0.64	-1.87
22,701.00	90.69	176.54	12,554.31	-10,424.43	309.27	10,425.30	1.11	0.57	-0.96
22,795.00	90.91	175.52	12,552.99	-10,518.19	315.78	10,519.08	1.11	0.23	-1.09
22,889.00	91.13	177.59	12,551.32	-10,612.00	321.42	10,612.91	2.21	0.23	2.20
22,984.00	90.07	177.32	12,550.32	-10,706.90	325.64	10,707.82	1.15	-1.12	-0.28
23,077.00	90.51	177.41	12,549.85	-10,799.80	329.92	10,800.73	0.48	0.47	0.10
23,171.00	90.41	176.53	12,549.10	-10,893.67	334.89	10,894.61	0.94	-0.11	-0.94
23,265.00	90.46	176.86	12,548.39	-10,987.51	340.30	10,988.47	0.36	0.05	0.35
23,359.00	90.41	177.80	12,547.67	-11,081.40	344.68	11,082.37	1.00	-0.05	1.00
23,455.00	90.91	178.65	12,546.57	-11,177.35	347.66	11,178.33	1.03	0.52	0.89
23,549.00	90.80	179.74	12,545.16	-11,271.33	348.98	11,272.31	1.17	-0.12	1.16
23,643.00	90.49	179.78	12,544.10	-11,365.32	349.37	11,366.31	0.33	-0.33	0.04
23,738.00	90.71	180.89	12,543.11	-11,460.31	348.81	11,461.30	1.19	0.23	1.17
23,831.00	90.35	181.97	12,542.25	-11,553.28	346.49	11,554.25	1.22	-0.39	1.16
23,925.00	91.44	183.79	12,540.78	-11,647.14	341.77	11,648.10	2.26	1.16	1.94
24,018.00	91.58	182.47	12,538.33	-11,739.97	336.70	11,740.92	1.43	0.15	-1.42



Survey Report

Company:	XTO Energy	Local Co-ordinate Reference:	Well PLU 28 Big Sinks 126H_156H
Project:	Eddy County, NM	TVD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Site:	PLU 28 Big Sinks	MD Reference:	GL 3340' + 30' KB @ 3370.00usft (Cactus 118)
Well:	PLU 28 Big Sinks 126H_156H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
24,112.00	90.66	181.15	12,536.49	-11,833.90	333.73	11,834.84	1.71	-0.98	-1.40
24,206.00	88.45	179.30	12,537.22	-11,927.89	333.36	11,928.82	3.07	-2.35	-1.97
24,300.00	91.11	180.15	12,537.58	-12,021.88	333.81	12,022.81	2.97	2.83	0.90
24,393.00	92.48	180.17	12,534.67	-12,114.83	333.55	12,115.76	1.47	1.47	0.02
24,486.00	90.57	179.49	12,532.20	-12,207.79	333.83	12,208.73	2.18	-2.05	-0.73
24,580.00	91.22	180.08	12,530.73	-12,301.78	334.18	12,302.71	0.93	0.69	0.63
24,674.00	92.56	181.21	12,527.63	-12,395.72	333.12	12,396.65	1.86	1.43	1.20
24,768.00	90.74	180.15	12,524.92	-12,489.66	332.01	12,490.59	2.24	-1.94	-1.13
24,862.00	90.63	179.77	12,523.80	-12,583.66	332.07	12,584.59	0.42	-0.12	-0.40
24,955.00	90.99	179.85	12,522.48	-12,676.65	332.38	12,677.58	0.40	0.39	0.09
25,050.00	90.85	179.23	12,520.96	-12,771.63	333.14	12,772.56	0.67	-0.15	-0.65
25,144.00	91.22	179.25	12,519.26	-12,865.61	334.39	12,866.54	0.39	0.39	0.02
25,238.00	89.45	178.30	12,518.71	-12,959.58	336.40	12,960.52	2.14	-1.88	-1.01
25,332.00	91.72	179.41	12,517.75	-13,053.55	338.28	13,054.49	2.69	2.41	1.18
25,425.00	89.34	178.33	12,516.89	-13,146.52	340.11	13,147.47	2.81	-2.56	-1.16
25,519.00	89.62	178.96	12,517.74	-13,240.49	342.33	13,241.45	0.73	0.30	0.67
25,568.13	89.77	179.38	12,518.01	-13,289.61	343.05	13,290.57	0.90	0.30	0.85
PLU 28 Big Sinks 126H_156H LTP									
25,613.00	89.90	179.76	12,518.14	-13,334.48	343.38	13,335.44	0.90	0.30	0.85
25,629.00	89.93	179.86	12,518.16	-13,350.48	343.44	13,351.44	0.65	0.19	0.63
Latest Scout MWD Survey @ 25629.00' MD									
25,684.00	89.93	179.86	12,518.23	-13,405.48	343.57	13,406.44	0.00	0.00	0.00
Projection to Bit at 25684.00' MD - PLU 28 Big Sinks 126H_156H BHL									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
25,629.00	12,518.16	-13,350.48	343.44	Latest Scout MWD Survey @ 25629.00' MD
25,684.00	12,518.23	-13,405.48	343.57	Projection to Bit at 25684.00' MD

Checked By: _____ Approved By: _____ 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

¹ API Number 30-015-	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name POKER LAKE UNIT 28 BS	⁶ Well Number 126H
⁷ OGRID No. 260737	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ 3,340'

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
G	28	25 S	31 E		2,310	NORTH	1,950	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
O	4	26 S	31 E		200	SOUTH	1,650	EAST	EDDY

¹² Dedicated Acres	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.

¹⁶ GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,300.4 X= 671,231.2 LAT.= 32.102084°N LONG.= 103.780355°W FIRST TAKE POINT NAD 27 NME Y= 400,620.1 X= 671,529.8 LAT.= 32.100210°N LONG.= 103.779403°W CORNER COORDINATES TABLE NAD 27 NME <table border="1"> <tr><td>A</td><td>Y= 400,956.5 N, X= 670,521.7 E</td></tr> <tr><td>B</td><td>Y= 400,962.8 N, X= 671,850.9 E</td></tr> <tr><td>C</td><td>Y= 398,304.2 N, X= 670,514.6 E</td></tr> <tr><td>D</td><td>Y= 398,312.1 N, X= 671,845.7 E</td></tr> <tr><td>E</td><td>Y= 395,652.3 N, X= 670,529.0 E</td></tr> <tr><td>F</td><td>Y= 395,661.9 N, X= 671,859.4 E</td></tr> <tr><td>G</td><td>Y= 393,002.3 N, X= 670,543.3 E</td></tr> <tr><td>H</td><td>Y= 393,012.5 N, X= 671,873.1 E</td></tr> <tr><td>I</td><td>Y= 390,337.1 N, X= 670,552.3 E</td></tr> <tr><td>J</td><td>Y= 390,347.9 N, X= 671,881.5 E</td></tr> <tr><td>K</td><td>Y= 387,673.5 N, X= 670,561.3 E</td></tr> <tr><td>L</td><td>Y= 387,683.4 N, X= 671,889.6 E</td></tr> </table> CORNER COORDINATES TABLE NAD 83 NME <table border="1"> <tr><td>A</td><td>Y= 401,014.4 N, X= 711,707.3 E</td></tr> <tr><td>B</td><td>Y= 401,020.7 N, X= 713,036.5 E</td></tr> <tr><td>C</td><td>Y= 398,362.0 N, X= 711,700.3 E</td></tr> <tr><td>D</td><td>Y= 398,369.9 N, X= 713,031.4 E</td></tr> <tr><td>E</td><td>Y= 395,710.0 N, X= 711,714.8 E</td></tr> <tr><td>F</td><td>Y= 395,719.6 N, X= 713,045.2 E</td></tr> <tr><td>G</td><td>Y= 393,060.0 N, X= 711,729.2 E</td></tr> <tr><td>H</td><td>Y= 393,070.2 N, X= 713,059.0 E</td></tr> <tr><td>I</td><td>Y= 390,394.7 N, X= 711,738.3 E</td></tr> <tr><td>J</td><td>Y= 390,405.5 N, X= 713,067.5 E</td></tr> <tr><td>K</td><td>Y= 387,731.1 N, X= 711,747.4 E</td></tr> <tr><td>L</td><td>Y= 387,741.0 N, X= 713,075.8 E</td></tr> </table> LAST TAKE POINT NAD 27 NME Y= 388,011.0 X= 671,567.2 LAT.= 32.065547°N LONG.= 103.779491°W BOTTOM HOLE LOCATION NAD 27 NME Y= 387,881.0 X= 671,567.6 LAT.= 32.065190°N LONG.= 103.779492°W	A	Y= 400,956.5 N, X= 670,521.7 E	B	Y= 400,962.8 N, X= 671,850.9 E	C	Y= 398,304.2 N, X= 670,514.6 E	D	Y= 398,312.1 N, X= 671,845.7 E	E	Y= 395,652.3 N, X= 670,529.0 E	F	Y= 395,661.9 N, X= 671,859.4 E	G	Y= 393,002.3 N, X= 670,543.3 E	H	Y= 393,012.5 N, X= 671,873.1 E	I	Y= 390,337.1 N, X= 670,552.3 E	J	Y= 390,347.9 N, X= 671,881.5 E	K	Y= 387,673.5 N, X= 670,561.3 E	L	Y= 387,683.4 N, X= 671,889.6 E	A	Y= 401,014.4 N, X= 711,707.3 E	B	Y= 401,020.7 N, X= 713,036.5 E	C	Y= 398,362.0 N, X= 711,700.3 E	D	Y= 398,369.9 N, X= 713,031.4 E	E	Y= 395,710.0 N, X= 711,714.8 E	F	Y= 395,719.6 N, X= 713,045.2 E	G	Y= 393,060.0 N, X= 711,729.2 E	H	Y= 393,070.2 N, X= 713,059.0 E	I	Y= 390,394.7 N, X= 711,738.3 E	J	Y= 390,405.5 N, X= 713,067.5 E	K	Y= 387,731.1 N, X= 711,747.4 E	L	Y= 387,741.0 N, X= 713,075.8 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. Signature _____ Date _____ Printed Name _____ 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. 05-14-2019 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number AW/TM 2017070995
A	Y= 400,956.5 N, X= 670,521.7 E																																																	
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L	Y= 387,741.0 N, X= 713,075.8 E																																																	

Poker Lake Unit 28 Well No. 126H BHL:
25,684.00' MD, 89.93° INC, 179.86° AZM,
-13,405.48' +N/-S, 343.57' +E/-W

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 28 BS		
								6. Well Number: 126H		
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 PURPLE SAGE;WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	28	25S	31E		2310	North	1950	East	Eddy
BH:	O	4	26S	31E		214	South	1643	East	Eddy
13. Date Spudded 10/9/2019	14. Date T.D. Reached 12/13/2019		15. Date Rig Released 12/20/2019		16. Date Completed (Ready to Produce) 12/15/2020			17. Elevations (DF and RKB, RT, GR, etc.) 3340 GL		
18. Total Measured Depth of Well 25684			19. Plug Back Measured Depth 25672		20. Was Directional Survey Made? yes			21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12920' - 25535' PURPLE SAGE;WOLF CAMP										
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		980		24"		2510		
13 3/8"		68		4106		17 1/2"		3005		
9 5/8"		40		11592		12 1/4"		2447		
5 1/2"		23		25674		8 1/2"		5530		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2 7/8	11,914	11,899		
26. Perforation record (interval, size, and number) 12920' - 25535' , 4spf, 4029 Total shots 84 stages						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12920' - 25535'		670,554 bbl fluid + 31,446,350 lbs proppant		
28. PRODUCTION										
Date First Production 12/16/2020		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 12/21/2020	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 384	Gas - MCF 6834	Water - Bbl. 3031	Gas - Oil Ratio 17796			
Flow Tubing Press. 3406	Casing Pressure 2231	Calculated 24-Hour Rate	Oil - Bbl. 384	Gas - MCF 6834	Water - Bbl. 3031	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 Cassie Evans				Printed Name Cassie Evans				Title Regulatory Analyst		Date 02/09/2021
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 910	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1273	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 4009	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 4223	T. Morrison	
T. Drinkard	T. Bone Springs 8165	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 11528	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 19978

ACKNOWLEDGMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 19978
	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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CONDITIONS

Action 19978

CONDITIONS

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	Action Number: 19978
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/24/2021