

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

RECEIVED

DEC 23 2019

DISTRICT IV-ARTESIA O.C.D.

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 30-015-43647		² Pool Code 96688		³ Pool Name GATUNA CANYON; BONE SPRING	
⁴ Property Code 325504		⁵ Property Name BIG EDDY UNIT DI 4B			⁶ Well Number 274H
⁷ OGRID No. 373075		⁸ Operator Name XTO PERMIAN OPERATING, LLC.			⁹ Elevation 3,464'

¹⁰ Surface Location

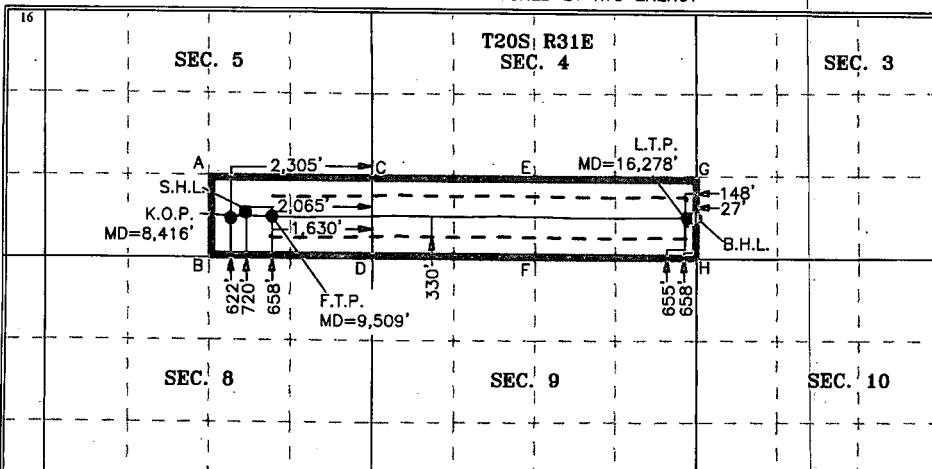
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	5	20 S	31 E		720	SOUTH	2,065	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	20 S	31 E		658	SOUTH	27	EAST	EDDY

¹² Dedicated Acres 240	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



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: Cheryl Rowell Date: 12/17/19
Printed Name: Cheryl Rowell
E-mail Address: cheryl_rowell@xtoenergy.com

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.

Date of Survey: 9-19-2019
Signature and Seal of Professional Surveyor: [Signature]
MARK DILLON HARP 23786
Certificate Number: JC 2018040913

CORNER COORDINATES TABLE NAD 83 NME		CORNER COORDINATES TABLE NAD 27 NME	
A - Y= 581,884.3 N, X= 677,421.7 E	A - Y= 581,822.5 N, X= 636,242.3 E	B - Y= 580,565.4 N, X= 677,433.1 E	B - Y= 580,503.6 N, X= 636,253.7 E
C - Y= 581,873.4 N, X= 680,094.5 E	C - Y= 581,811.6 N, X= 638,915.1 E	D - Y= 580,550.7 N, X= 680,108.6 E	D - Y= 580,488.9 N, X= 638,929.2 E
E - Y= 581,887.7 N, X= 682,734.1 E	E - Y= 581,825.9 N, X= 641,554.7 E	F - Y= 580,565.2 N, X= 682,753.7 E	F - Y= 580,503.4 N, X= 641,574.3 E
G - Y= 581,901.9 N, X= 685,378.3 E	G - Y= 581,840.1 N, X= 644,198.9 E	H - Y= 580,579.6 N, X= 685,392.4 E	H - Y= 580,517.8 N, X= 644,213.0 E

GEODETIC COORDINATES NAD 83 NME		K.O.P.		FIRST TAKE POINT NAD 83 NME		LAST TAKE POINT NAD 83 NME		BOTTOM HOLE LOCATION NAD 83 NME	
SURFACE LOCATION	Y=581,282.1	X=678,035.6	Y=581,185.7	X=677,796.8	Y=581,217.4	X=678,471.8	Y=581,234.1	X=685,237.0	Y=581,237.9
LAT.=32.597213°N	LONG.=103.889455°W	LAT.=32.596951°N	LONG.=103.890232°W	LAT.=32.597030°N	LONG.=103.888040°W	LAT.=32.596996°N	LONG.=103.866073°W	LAT.=32.597005°N	LONG.=103.865677°W

NAD 27 NME		K.O.P.		FIRST TAKE POINT NAD 27 NME		LAST TAKE POINT NAD 27 NME		BOTTOM HOLE LOCATION NAD 27 NME	
SURFACE LOCATION	Y=581,220.3	X=636,856.2	Y=581,123.9	X=636,617.4	Y=581,155.6	X=637,292.4	Y=581,172.3	X=644,057.6	Y=581,176.1
LAT.=32.597094°N	LONG.=103.888952°W	LAT.=32.596832°N	LONG.=103.889729°W	LAT.=32.596911°N	LONG.=103.887537°W	LAT.=32.596877°N	LONG.=103.865570°W	LAT.=32.596886°N	LONG.=103.865175°W

Ret 1-29-2020

Intent ☐ As Drilled ☒ XX

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DEC 23 2019

API #
30-015-43647

Operator Name: XTO Permian Operating LLC	Property Name: Big Eddy Unit DI4B	Well Number 274H
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Kick Off Point (KOP)

UL O	Section 5	Township 20S	Range 31E	Lot	Feet 622	From N/S South	Feet 2305	From E/W East	County Eddy
Latitude 32.596951					Longitude 103.890232			NAD 83	

First Take Point (FTP)

UL O	Section 5	Township 20S	Range 31E	Lot	Feet 658	From N/S South	Feet 1630	From E/W East	County Eddy
Latitude 32.597030					Longitude 103.888040			NAD 83	

Last Take Point (LTP)

UL P	Section 4	Township 20S	Range 31E	Lot	Feet 655	From N/S South	Feet 148	From E/W East	County Eddy
Latitude 32.596996					Longitude 103.866073			NAD 83	

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

☒ X

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



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November 6, 2019

DEC 23 2019

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

DISTRICT 7 - ARTESIA O.C.D.

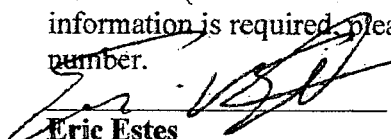
Attn: Colin Gilmore

Re: XTO Energy Inc.
Big Eddy Unit DI4B #274H
WC Williams Sink; Bone Spring
Eddy County, New Mexico
API# 30-015-43647

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, LLC. (P-5 #828149) Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Cliff Bray	Original Hole	122ft. to 16,340ft.	05-17-19 to 06-03-19	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Eric Estes

Enclosures

CC: XTO Energy Inc.
Attn: Colin Gilmore
6401 Holiday Hill Rd. #5
Midland, Texas 79707

NMEMaNRD\XTO Energy Inc.\Big Eddy Unit DI4B#274HM191119

STRYKER ENERGY DIRECTIONAL SERVICES, LLC.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



November 6, 2019

Survey Certification Report

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DEC 23 2019

DISTRICT 7 - ARTESIA O.C.D.

STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of May 17, 2019 through June 3, 2019, conduct or supervise the taking of a SEDS MWD Original Hole Survey from a depth of 122feet to a depth of 16,340feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc., for the Big Eddy Unit DI4B #274H well, API #30-015-43647 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C..

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, LLC.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163

Searches

Operator Data

Hearing Fee Application

OCD Permitting

Home Searches Wells Well Details

30-015-43647 BIG EDDY UNIT DI4B #274H [325504]**General Well Information**

Operator: [373075] XTO PERMIAN OPERATING LLC.

Status: New

Well Type: Oil

Work Type: New

Direction: Horizontal

Multi-Lateral: No

Mineral Owner: Federal

Surface Owner: Federal

Surface Location: O-05-20S-31E 720 FSL 2065 FEL

Lat/Long: 32.597201, -103.88944 NAD83

GL Elevation: 3464

KB Elevation:

DF Elevation:

Sing/Mult Compl: Single

Potash Waiver: False

Proposed Formation and/or Notes**Depths**

Proposed: 15987

Measured Vertical Depth: 0

True Vertical Depth: 0

Plugback Measured: 0

Formation Tops

Formation	Top	Producing	Method Obtained

Event Dates

Initial APD Approval: 01/29/2016

Most Recent APD Approval: 05/02/2019

APD Cancellation:

APD Extension Approval: 01/29/2018

Spud:

Approved Temporary

Abandonment:

Shut in:

Plug and Abandoned Intent

Received:

Well Plugged:

Site Release:

Last Inspection: 09/20/2017

Current APD Expiration: 01/28/2020

Gas Capture Plan Received: 10/30/2018

TA Expiration:

PNR Expiration:

Last MIT/BHT:

History

Effective Date	Property	Well Number	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
05/02/2019	[325504] BIG EDDY UNIT DI4B	#274H	[373075] XTO PERMIAN OPERATING LLC.	New	Oil	New		
01/29/2016	[315998] BIG EDDY UNIT DI4B	#274H	[260737] BOPCO. L.P.	New	Oil	New		

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral As Drilled	Database:	STRYKER_EDM

Survey Program		Date 06/06/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
122.00	16,340.00	Survey #1 (274H Lateral)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction
16,340.00	16,400.00	Survey #2 (274H Lateral)	Projection	Projection

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (ft/100ft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	581,220.30	636,856.20
BEU DI 4B 274H SHL										
122.00	0.70	81.60	122.00	0.11	0.74	0.75	81.60	0.57	581,220.41	636,856.94
First Stryker Survey										
211.00	0.80	80.40	210.99	0.29	1.89	1.91	81.21	0.11	581,220.59	636,858.09
302.00	0.60	76.90	301.98	0.51	2.98	3.02	80.36	0.22	581,220.81	636,859.18
393.00	0.60	86.20	392.98	0.66	3.92	3.97	80.64	0.11	581,220.96	636,860.12
486.00	0.50	81.40	485.97	0.74	4.80	4.86	81.26	0.12	581,221.04	636,861.00
575.00	0.30	81.60	574.97	0.83	5.42	5.48	81.29	0.22	581,221.13	636,861.62
665.00	0.30	35.40	664.97	1.08	5.79	5.88	79.65	0.26	581,221.36	636,861.99
789.00	0.30	23.90	788.97	1.62	6.11	6.32	75.16	0.05	581,221.92	636,862.31
880.00	0.40	357.20	879.97	2.15	6.19	6.55	70.82	0.21	581,222.45	636,862.39
969.00	0.40	26.30	968.96	2.74	6.31	6.88	66.52	0.23	581,223.04	636,862.51
1,060.00	0.40	23.50	1,059.98	3.32	6.58	7.37	63.24	0.02	581,223.62	636,862.78
1,151.00	0.70	356.70	1,150.96	4.16	6.87	7.87	58.04	0.43	581,224.46	636,862.87
1,243.00	0.80	2.90	1,242.95	5.37	6.67	8.56	51.19	0.14	581,225.67	636,862.87
1,334.00	1.00	15.30	1,333.94	6.77	6.92	9.68	45.62	0.31	581,227.07	636,863.12
1,426.00	0.80	18.50	1,425.93	8.15	7.33	10.96	41.97	0.22	581,228.45	636,863.53
1,518.00	1.20	21.80	1,517.91	9.66	7.89	12.47	39.25	0.44	581,229.96	636,864.09
1,609.00	1.10	30.10	1,608.90	11.30	8.68	14.25	37.53	0.22	581,231.60	636,864.88
1,701.00	1.40	22.80	1,700.87	13.10	9.56	16.21	36.12	0.37	581,233.40	636,865.76
1,792.00	1.40	26.40	1,791.85	15.12	10.48	18.40	34.74	0.10	581,235.42	636,866.68

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
1,882.00	0.80	27.80	1,881.83	16.68	11.26	20.11	34.07	0.67	581,236.96	636,867.46	
1,974.00	0.60	47.70	1,973.82	17.55	11.92	21.22	34.18	0.34	581,237.85	636,868.12	
2,065.00	1.00	35.70	2,064.81	18.52	12.74	22.47	34.52	0.47	581,238.82	636,868.94	
2,156.00	1.10	50.50	2,155.80	19.72	13.87	24.11	35.13	0.32	581,240.02	636,870.07	
2,248.00	1.10	59.60	2,247.78	20.73	15.32	25.77	36.46	0.19	581,241.03	636,871.52	
2,305.00	1.00	53.30	2,304.77	21.30	16.19	26.75	37.23	0.27	581,241.60	636,872.39	
2,428.00	1.30	56.20	2,427.75	22.72	18.21	29.11	38.71	0.25	581,243.02	636,874.41	
2,520.00	1.20	42.90	2,519.73	24.00	19.73	31.07	39.42	0.33	581,244.30	636,875.93	
2,612.00	0.50	57.30	2,611.71	24.93	20.72	32.42	39.74	0.79	581,245.23	636,876.92	
2,706.00	0.30	255.30	2,705.71	25.09	20.83	32.61	39.71	0.84	581,245.39	636,877.03	
2,798.00	0.80	224.50	2,797.71	24.57	20.15	31.77	39.38	0.61	581,244.87	636,876.35	
2,889.00	1.10	222.60	2,888.70	23.47	19.11	30.27	39.15	0.33	581,243.77	636,875.31	
2,980.00	1.40	218.40	2,979.67	21.96	17.83	28.28	39.08	0.34	581,242.26	636,874.03	
3,070.00	1.80	223.50	3,069.64	20.07	16.17	25.77	38.86	0.47	581,240.37	636,872.37	
3,162.00	1.70	229.50	3,161.60	18.13	14.14	23.00	37.95	0.23	581,238.43	636,870.34	
3,253.00	1.80	229.80	3,252.55	16.34	12.02	20.28	36.35	0.11	581,236.64	636,868.22	
3,344.00	1.90	230.00	3,343.51	14.44	9.78	17.44	34.09	0.11	581,234.74	636,865.98	
3,435.00	1.80	238.80	3,434.46	12.73	7.40	14.73	30.16	0.33	581,233.03	636,863.60	
3,527.00	1.80	233.50	3,526.41	11.13	5.00	12.20	24.20	0.18	581,231.43	636,861.20	
3,618.00	1.80	217.70	3,617.37	9.14	2.98	9.62	18.03	0.54	581,229.44	636,859.18	
3,709.00	2.00	211.00	3,708.32	6.65	1.29	6.78	10.94	0.33	581,226.95	636,857.49	
3,799.00	1.80	212.20	3,798.27	4.11	-0.28	4.12	356.15	0.23	581,224.41	636,855.92	
3,889.00	1.80	214.80	3,888.23	1.75	-1.84	2.54	313.67	0.09	581,222.05	636,854.36	
3,979.00	1.90	205.20	3,978.18	-0.76	-3.28	3.36	256.99	0.36	581,219.54	636,852.92	
4,069.00	1.90	203.40	4,068.13	-3.48	-4.51	5.69	232.35	0.07	581,216.82	636,851.69	
4,159.00	1.90	205.80	4,158.08	-6.19	-5.75	8.45	222.88	0.09	581,214.11	636,850.45	
4,249.00	1.70	206.60	4,248.04	-8.73	-7.00	11.18	218.72	0.22	581,211.57	636,849.20	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Eastings (usft)	
4,328.00	1.60	213.60	4,327.00	-10.69	-8.13	13.43	217.25	0.28	581,209.61	636,848.07	
4,419.00	1.20	207.40	4,417.98	-12.60	-9.27	15.64	216.36	0.47	581,207.70	636,846.93	
4,510.00	1.10	212.60	4,508.96	-14.18	-10.18	17.46	215.68	0.16	581,206.12	636,846.02	
4,602.00	1.20	216.80	4,600.94	-15.69	-11.23	19.30	215.60	0.14	581,204.61	636,844.97	
4,691.00	1.10	221.90	4,689.92	-17.08	-12.36	21.08	215.90	0.16	581,203.22	636,843.84	
4,782.00	1.00	213.50	4,780.91	-18.39	-13.38	22.74	216.05	0.20	581,201.91	636,842.82	
4,873.00	1.10	225.50	4,871.89	-19.66	-14.45	24.40	216.30	0.26	581,200.64	636,841.75	
4,963.00	1.20	225.40	4,961.87	-20.93	-15.73	26.18	216.93	0.11	581,199.37	636,840.47	
5,054.00	1.20	223.10	5,052.85	-22.29	-17.06	28.07	217.43	0.05	581,198.01	636,839.14	
5,144.00	1.20	223.90	5,142.83	-23.66	-18.36	29.95	217.81	0.02	581,196.64	636,837.84	
5,235.00	1.20	229.00	5,233.81	-24.97	-19.74	31.83	218.32	0.12	581,195.33	636,836.46	
5,325.00	1.20	231.00	5,323.79	-26.19	-21.18	33.68	218.97	0.05	581,194.11	636,835.02	
5,416.00	1.10	236.60	5,414.78	-27.27	-22.65	35.45	219.72	0.17	581,193.03	636,833.55	
5,507.00	1.20	239.30	5,505.76	-28.23	-24.20	37.19	220.60	0.12	581,192.07	636,832.00	
5,597.00	1.10	249.50	5,595.74	-29.02	-25.82	38.84	221.66	0.25	581,191.28	636,830.38	
5,689.00	3.60	245.90	5,687.65	-30.51	-29.29	42.29	223.83	2.72	581,189.79	636,826.91	
5,778.00	3.80	245.10	5,776.47	-32.89	-34.51	47.67	226.38	0.23	581,187.41	636,821.69	
5,868.00	3.80	244.70	5,866.27	-35.42	-39.91	53.36	228.41	0.03	581,184.88	636,816.29	
5,958.00	3.60	245.60	5,956.08	-37.86	-45.18	58.95	230.04	0.23	581,182.44	636,811.02	
6,049.00	3.60	246.60	6,046.90	-40.18	-50.41	64.46	231.44	0.07	581,180.12	636,805.79	
6,140.00	3.60	246.30	6,137.72	-42.46	-55.64	69.99	232.66	0.02	581,177.84	636,800.56	
6,230.00	3.50	247.20	6,227.55	-44.66	-60.76	75.41	233.69	0.13	581,175.64	636,795.44	
6,320.00	3.50	248.60	6,317.38	-46.73	-65.85	80.75	234.64	0.09	581,173.57	636,790.35	
6,412.00	5.10	251.70	6,409.12	-49.03	-72.35	87.40	235.87	1.76	581,171.27	636,783.85	
6,504.00	5.20	252.80	6,500.75	-51.55	-80.22	95.35	237.27	0.15	581,168.75	636,775.98	
6,595.00	5.10	253.70	6,591.38	-53.91	-88.04	103.23	238.52	0.14	581,166.39	636,768.16	
6,687.00	5.10	253.80	6,683.02	-56.19	-95.89	111.14	239.63	0.01	581,164.11	636,760.31	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
6,778.00	5.00	254.80	6,773.67	-58.36	-103.60	118.91	240.61	0.15	581,161.94	636,752.60	
6,868.00	5.00	255.30	6,863.32	-60.39	-111.18	126.52	241.49	0.05	581,159.91	636,745.02	
6,960.00	4.80	254.20	6,954.99	-62.45	-118.76	134.18	242.26	0.24	581,157.85	636,737.44	
7,050.00	4.60	253.50	7,044.68	-64.50	-125.84	141.41	242.86	0.23	581,155.80	636,730.36	
7,141.00	4.00	253.50	7,135.43	-66.44	-132.39	148.12	243.35	0.66	581,153.86	636,723.81	
7,234.00	4.70	255.30	7,228.16	-68.33	-139.18	155.05	243.85	0.77	581,151.97	636,717.02	
7,325.00	5.80	261.90	7,318.78	-69.92	-147.34	163.09	244.61	1.38	581,150.38	636,708.86	
7,416.00	5.70	259.70	7,409.32	-71.38	-156.34	171.85	245.46	0.27	581,148.92	636,699.86	
7,508.00	6.00	260.20	7,500.84	-73.01	-165.57	180.96	246.20	0.33	581,147.29	636,690.63	
7,599.00	6.00	259.70	7,591.34	-74.67	-174.94	190.21	246.88	0.06	581,145.63	636,681.26	
7,690.00	6.30	259.50	7,681.82	-76.43	-184.53	199.73	247.50	0.33	581,143.87	636,671.67	
7,781.00	6.20	258.70	7,772.28	-78.31	-194.25	209.44	248.05	0.15	581,141.99	636,661.95	
7,872.00	5.80	255.70	7,862.78	-80.40	-203.53	218.84	248.44	0.56	581,139.90	636,652.67	
7,963.00	5.70	253.70	7,953.32	-82.81	-212.32	227.90	248.69	0.25	581,137.49	636,643.88	
8,056.00	5.80	250.60	8,045.85	-85.67	-221.19	237.20	248.83	0.35	581,134.63	636,635.01	
8,146.00	4.40	239.20	8,135.50	-88.94	-228.44	245.15	248.73	1.91	581,131.36	636,627.76	
8,238.00	3.30	239.60	8,227.29	-92.09	-233.76	251.24	248.50	1.20	581,128.21	636,622.44	
8,330.00	3.10	238.00	8,319.14	-94.75	-238.15	256.31	248.30	0.24	581,125.55	636,618.05	
8,447.00	1.90	108.30	8,436.09	-97.04	-238.99	257.94	247.90	3.89	581,123.26	636,617.21	
8,493.00	7.40	63.00	8,481.93	-95.93	-235.63	254.41	247.85	13.50	581,124.37	636,620.57	
8,538.00	7.85	54.67	8,526.53	-92.84	-230.54	248.53	248.07	2.65	581,127.46	636,625.66	
8,583.00	10.21	60.04	8,570.97	-89.07	-224.57	241.59	248.37	5.56	581,131.23	636,631.63	
8,628.00	14.74	68.48	8,614.90	-84.97	-215.79	231.92	248.51	10.83	581,135.33	636,640.41	
8,674.00	20.57	71.05	8,658.72	-80.20	-202.69	217.98	248.41	12.78	581,140.10	636,653.51	
8,720.00	24.84	71.67	8,701.14	-74.53	-185.87	200.25	248.15	9.30	581,145.77	636,670.33	
8,766.00	28.14	74.14	8,742.31	-68.53	-166.25	179.82	247.60	7.56	581,151.77	636,689.95	
8,812.00	30.97	79.76	8,782.33	-63.46	-144.16	157.51	246.24	8.61	581,156.84	636,712.04	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)		TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
8,858.00	34.01	88.07	88.07	8,821.14	-60.92	-119.64	134.26	243.02	11.73	581,159.38	636,736.56
8,904.00	37.78	90.42	90.42	8,858.40	-60.59	-92.68	110.73	236.83	8.72	581,159.71	636,763.52
8,949.00	42.00	89.63	89.63	8,892.92	-60.59	-63.83	88.01	226.49	9.44	581,159.71	636,792.37
8,995.00	46.06	90.03	90.03	8,925.99	-60.50	-31.87	68.38	207.78	8.85	581,159.80	636,824.33
9,041.00	49.20	89.96	89.96	8,956.98	-60.50	2.12	60.53	178.00	6.83	581,159.80	636,858.32
9,087.00	53.16	90.59	90.59	8,985.81	-60.67	37.95	71.56	147.98	8.67	581,159.63	636,894.15
9,131.00	58.25	90.89	90.89	9,010.60	-61.15	74.28	96.21	129.46	11.58	581,159.15	636,930.48
9,143.00	59.50	91.05	91.05	9,016.80	-61.32	84.55	104.45	125.95	10.46	581,158.98	636,940.75
Wellpath Crosses FTP											
9,176.00	62.93	91.46	91.46	9,032.69	-61.95	113.46	129.28	118.64	10.46	581,158.35	636,969.66
9,180.57	63.41	91.38	91.38	9,034.75	-62.06	117.54	132.91	117.83	10.60	581,158.24	636,973.74
BEU DI 4B 274H FTP_660FNL_694FWL											
9,221.00	67.65	90.69	90.69	9,051.50	-62.72	154.32	166.58	112.12	10.60	581,157.58	637,010.52
9,267.00	72.04	89.43	89.43	9,067.34	-62.75	197.50	207.23	107.63	9.88	581,157.55	637,053.70
9,313.00	76.26	88.81	88.81	9,079.90	-62.07	241.73	249.57	104.40	9.27	581,158.23	637,097.93
9,326.48	77.55	88.91	88.91	9,082.96	-61.81	254.86	262.25	103.63	9.63	581,158.49	637,111.06
BEU DI 4B 274H LP											
9,358.00	80.58	89.13	89.13	9,088.93	-61.28	285.80	292.29	102.10	9.63	581,159.02	637,142.00
9,404.00	84.19	89.98	89.98	9,095.03	-60.93	331.38	336.94	100.42	8.06	581,159.37	637,187.58
9,449.00	87.87	92.40	92.40	9,098.14	-61.86	376.25	381.31	99.34	9.78	581,158.44	637,232.45
9,541.00	89.64	93.07	93.07	9,100.14	-66.25	468.12	472.79	98.06	2.06	581,154.05	637,324.32
9,632.00	90.25	92.58	92.58	9,100.23	-70.74	559.01	563.47	97.21	0.86	581,149.56	637,415.21
9,723.00	90.76	92.27	92.27	9,099.43	-74.59	649.93	654.19	96.55	0.66	581,145.71	637,506.13
9,814.00	89.69	90.71	90.71	9,099.07	-76.95	740.89	744.88	95.93	2.08	581,143.35	637,597.09
9,904.00	89.83	89.75	89.75	9,099.45	-77.31	830.89	834.48	95.32	1.08	581,142.99	637,687.09
9,994.00	90.70	89.17	89.17	9,099.03	-76.47	920.88	924.05	94.75	1.16	581,143.83	637,777.08
10,083.00	88.40	88.14	88.14	9,099.73	-74.38	1,009.85	1,012.58	94.21	2.83	581,145.92	637,866.05

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)
10,173.00	88.99	87.92	9,101.78	-71.28	1,099.77	1,102.08	93.71	0.70	581,149.02	637,955.97
10,264.00	89.75	87.40	9,102.78	-67.57	1,190.69	1,192.60	93.25	1.01	581,152.73	638,046.89
10,354.00	90.08	88.58	9,102.91	-64.41	1,280.63	1,282.25	92.88	1.36	581,155.89	638,136.83
10,446.00	89.27	89.93	9,103.44	-63.22	1,372.62	1,374.07	92.64	1.71	581,157.08	638,228.82
10,536.00	89.55	89.76	9,104.36	-62.97	1,462.61	1,463.97	92.47	0.36	581,157.33	638,318.81
10,627.00	89.50	89.27	9,105.12	-62.20	1,553.61	1,554.85	92.29	0.54	581,158.10	638,409.81
10,717.00	89.64	88.75	9,105.79	-60.65	1,643.59	1,644.71	92.11	0.60	581,159.65	638,499.79
10,809.00	90.11	88.54	9,105.99	-58.47	1,735.56	1,736.55	91.93	0.56	581,161.83	638,591.76
10,900.00	88.35	89.52	9,107.22	-56.93	1,826.54	1,827.43	91.79	2.21	581,163.37	638,682.74
10,990.00	87.98	89.47	9,110.10	-56.14	1,916.49	1,917.31	91.68	0.41	581,164.16	638,772.69
11,081.00	88.24	88.90	9,113.10	-54.85	2,007.43	2,008.18	91.57	0.69	581,165.45	638,863.63
11,173.00	88.38	88.16	9,115.81	-52.49	2,099.36	2,100.01	91.43	0.82	581,167.81	638,955.56
11,264.00	88.57	87.47	9,118.23	-49.02	2,190.26	2,190.81	91.28	0.79	581,171.28	639,046.46
11,353.00	89.61	88.60	9,119.65	-45.97	2,279.19	2,279.66	91.16	1.73	581,174.33	639,135.39
11,443.00	90.84	88.06	9,119.29	-43.34	2,369.15	2,369.55	91.05	1.49	581,176.96	639,225.35
11,533.00	92.52	87.81	9,116.66	-40.10	2,459.05	2,459.38	90.93	1.89	581,180.20	639,315.25
11,626.00	90.95	91.89	9,113.84	-39.86	2,551.99	2,552.30	90.89	4.70	581,180.44	639,408.19
11,716.00	88.40	92.11	9,114.35	-43.00	2,641.92	2,642.27	90.93	2.84	581,177.30	639,498.12
11,807.00	88.82	91.39	9,116.56	-45.78	2,732.85	2,733.24	90.96	0.92	581,174.52	639,589.05
11,898.00	89.38	90.64	9,117.99	-47.39	2,823.83	2,824.22	90.96	1.03	581,172.91	639,680.03
11,988.00	90.06	90.05	9,118.43	-47.93	2,913.82	2,914.22	90.94	1.00	581,172.37	639,770.02
12,077.00	88.99	90.51	9,119.16	-48.37	3,002.82	3,003.21	90.92	1.31	581,171.93	639,859.02
12,168.00	88.85	90.15	9,120.88	-48.89	3,093.80	3,094.19	90.91	0.42	581,171.41	639,950.00
12,259.00	87.48	91.39	9,123.79	-50.11	3,184.74	3,185.13	90.90	2.03	581,170.19	640,040.94
12,349.00	87.42	91.02	9,127.80	-52.00	3,274.63	3,275.04	90.91	0.42	581,168.30	640,130.83
12,440.00	88.40	90.24	9,131.12	-53.00	3,365.56	3,365.96	90.90	1.38	581,167.30	640,221.76
12,530.00	89.19	89.42	9,133.01	-52.74	3,455.54	3,455.94	90.87	1.27	581,167.56	640,311.74

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
12,620.00	89.69	88.39	9,133.89	-51.02	3,545.52	3,545.89	90.82	1.27	581,169.28	640,401.72	
12,711.00	90.42	87.51	9,133.80	-47.76	3,636.46	3,636.77	90.75	1.26	581,172.54	640,492.66	
12,802.00	90.34	89.15	9,133.20	-45.11	3,727.42	3,727.69	90.69	1.80	581,175.19	640,583.82	
12,892.00	90.84	88.61	9,132.27	-43.35	3,817.39	3,817.64	90.65	0.82	581,176.95	640,673.59	
12,982.00	89.52	89.54	9,131.99	-41.90	3,907.38	3,907.60	90.61	1.79	581,178.40	640,763.58	
13,072.00	89.83	89.48	9,132.50	-41.13	3,997.37	3,997.58	90.59	0.35	581,179.17	640,853.57	
13,163.00	90.31	88.50	9,132.39	-39.53	4,088.36	4,088.55	90.55	1.20	581,180.77	640,944.56	
13,253.00	89.69	89.95	9,132.39	-38.31	4,178.35	4,178.52	90.53	1.75	581,181.99	641,034.55	
13,343.00	88.38	91.57	9,133.90	-39.50	4,268.32	4,268.50	90.53	2.31	581,180.80	641,124.52	
13,433.00	89.16	91.25	9,135.84	-41.72	4,358.27	4,358.47	90.55	0.94	581,178.58	641,214.47	
13,525.00	89.27	90.32	9,137.10	-42.98	4,450.25	4,450.46	90.55	1.02	581,177.32	641,306.45	
13,616.00	89.36	91.84	9,138.18	-44.69	4,541.23	4,541.45	90.56	1.67	581,175.61	641,397.43	
13,708.00	89.33	91.42	9,139.24	-47.31	4,633.18	4,633.43	90.58	0.46	581,172.99	641,489.38	
13,800.00	89.58	90.49	9,140.11	-48.84	4,725.17	4,725.42	90.59	1.05	581,171.46	641,581.37	
13,891.00	89.58	89.45	9,140.78	-48.79	4,816.16	4,816.41	90.58	1.14	581,171.51	641,672.36	
13,982.00	90.42	89.05	9,140.78	-47.60	4,907.15	4,907.39	90.56	1.02	581,172.70	641,763.35	
14,073.00	91.32	91.57	9,139.40	-48.09	4,998.13	4,998.37	90.55	2.94	581,172.21	641,854.33	
14,162.00	91.82	91.74	9,136.96	-50.86	5,087.06	5,087.32	90.57	0.59	581,169.64	641,943.26	
14,253.00	90.11	92.39	9,135.42	-53.94	5,177.99	5,178.27	90.60	2.01	581,166.36	642,034.19	
14,343.00	88.66	91.55	9,136.39	-57.04	5,267.93	5,268.23	90.62	1.86	581,163.26	642,124.13	
14,434.00	89.24	91.10	9,138.06	-59.14	5,358.89	5,359.21	90.63	0.81	581,161.16	642,215.09	
14,526.00	89.13	90.12	9,139.37	-60.12	5,450.87	5,451.20	90.63	1.07	581,160.18	642,307.07	
14,617.00	89.75	89.39	9,140.26	-59.73	5,541.86	5,542.19	90.62	1.05	581,160.57	642,398.06	
14,709.00	90.67	88.95	9,139.92	-58.40	5,633.85	5,634.16	90.59	1.11	581,161.90	642,490.05	
14,799.00	89.13	90.33	9,140.08	-57.83	5,723.85	5,724.14	90.58	2.30	581,162.47	642,580.05	
14,890.00	87.68	91.26	9,142.61	-59.09	5,814.80	5,815.10	90.58	1.89	581,161.21	642,671.00	
14,982.00	87.93	90.81	9,146.13	-60.75	5,906.72	5,907.03	90.59	0.56	581,159.55	642,762.92	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4B 274H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Site:	BIG EDDY UNIT DI 4B 273H/274H	MD Reference:	3464+25 @ 3489.00usft (Trinidad101)
Well:	BEU DI 4B 274H	North Reference:	Grid
Wellbore:	274H Lateral	Survey Calculation Method:	Minimum Curvature
Design:	274H Lateral AsDrilled	Database:	STRYKER_EDM

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100ft)	Northing (usft)	Easting (usft)	
15,073.00	88.74	89.97	9,148.78	-61.37	5,997.67	5,997.99	90.59	1.28	581,158.93	642,853.87	
15,163.00	89.50	89.45	9,150.16	-60.92	6,087.66	6,087.97	90.57	1.02	581,159.38	642,943.86	
15,255.00	89.83	88.64	9,150.70	-59.38	6,179.65	6,179.93	90.55	0.95	581,160.92	643,035.85	
15,347.00	88.91	87.29	9,151.71	-56.12	6,271.58	6,271.83	90.51	1.78	581,164.18	643,127.78	
15,436.00	88.32	88.31	9,153.86	-52.70	6,360.49	6,360.70	90.47	1.32	581,167.60	643,216.69	
15,528.00	89.02	88.42	9,156.00	-50.08	6,452.42	6,452.62	90.44	0.77	581,170.22	643,308.62	
15,619.00	89.78	87.67	9,156.95	-46.97	6,543.36	6,543.53	90.41	1.17	581,173.33	643,399.56	
15,710.00	87.62	88.79	9,159.01	-44.16	6,634.29	6,634.44	90.38	2.67	581,176.14	643,490.49	
15,802.00	87.51	90.84	9,162.92	-43.87	6,726.20	6,726.34	90.37	2.23	581,176.43	643,582.40	
15,893.00	85.26	91.83	9,168.66	-45.98	6,816.99	6,817.14	90.39	2.70	581,174.32	643,673.19	
15,985.00	86.36	90.97	9,175.38	-48.22	6,908.71	6,908.88	90.40	1.52	581,172.08	643,764.91	
16,076.00	86.97	90.13	9,180.68	-49.09	6,999.55	6,999.73	90.40	1.14	581,171.21	643,855.75	
16,096.69	87.10	90.12	9,181.75	-49.14	7,020.22	7,020.39	90.40	0.63	581,171.16	643,876.42	
BEU DI 4B 274H LTP_662FNL_330FEL											
16,097.00	87.10	90.12	9,181.76	-49.14	7,020.53	7,020.70	90.40	0.63	581,171.16	643,876.73	
Wellpath Crosses LTP											
16,166.00	87.53	90.07	9,184.99	-49.25	7,089.45	7,089.62	90.40	0.63	581,171.05	643,945.65	
16,225.89	87.59	89.43	9,187.54	-48.99	7,149.28	7,149.45	90.39	1.08	581,171.31	644,005.48	
BEU DI 4B 274H PBHL_662FNL_200FEL p2											
16,226.53	87.59	89.42	9,187.57	-48.98	7,149.93	7,150.09	90.39	1.08	581,171.32	644,006.13	
BEU DI 4B 274H PBHL_662FNL_200FEL											
16,257.00	87.62	89.09	9,188.84	-48.58	7,180.36	7,180.53	90.39	1.08	581,171.72	644,036.56	
16,340.00	88.07	87.93	9,191.96	-46.43	7,263.28	7,263.42	90.37	1.50	581,173.87	644,119.48	
16,400.00	88.07	87.93	9,193.99	-44.26	7,323.20	7,323.33	90.35	0.00	581,176.04	644,179.40	
TD @ 27°FEL,658°FSL - BEU DI 4B 274H BHL											