

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



Notice of C-104 Denial and Request for Information

OCD denies your C-104 – *Request for Allowable and Authorization to Transport* because it is incomplete or conflicts with other information provided to OCD.

The sale or transport of product without a C-104 approved by OCD violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC.

To avoid an enforcement action, you must submit the indicated information no later than 30 days after receipt of this notice.

Test Allowable, New Well and Recompleted Well

Amend C-104

- ☒ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☒ Production Casing or Liner
 - * Ready date? Perfs? PBTD?*
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☒ Directional Survey (*Missing Pages*) *Certified*
 - ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☐ C-103 Completion Sundry (or BLM equivalent)
- ☐ C-105 Completion Report (or BLM equivalent)
- ☐ All Logs Run on Well

If you have any questions please contact the local OCD District Office

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-104
Revised August 1, 2011

SEP 19 2019

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Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address XTO Permian Operation LLC 6401 Holiday Hill Rd., Bldg 5 Midland, TX 79707		² OGRID Number 373075
		³ Reason for Filing Code/ Effective Date RT
⁴ API Number 30-015-43283	⁵ Pool Name GATUNA CANYON; BONE SPRING	⁶ Pool Code 96688
⁷ Property Code 325503	⁸ Property Name BIG EDDY UNIT D14	⁹ Well Number 268H

II. ¹⁰ Surface Location

UL or lot no. J	Section 5	Township 20S	Range 31E	Lot Idn	Feet from the 1840	North/South Line South	Feet from the 2055	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. I	Section 4	Township 20S	Range 31E	Lot Idn	Feet from the 1929	North/South line South	Feet from the 13	East/West line West	County Eddy
¹² Lse Code	¹³ Producing Method Code	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
273222	Great Lakes Pet. Trans LLC	O
151618	Enterprise Field Services	G

IV. Well Completion Data

²¹ Spud Date 05/02/19	²² Ready Date 8/27/19	²³ TD 16126	²⁴ PBDT	²⁵ Perforations 9190-15991	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
20	16	688	950		
14.75	11.75	2515	1288		
10.625 *	8.625	4238 4240 *	1515		
7.875	5.5	16116	1424		

check * sundry does not match

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method Gas lift

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:

Cheryl Rowell

Printed name:

CHERYL ROWELL

Title:

REGULATORY COORDINATOR

E-mail Address:

CHERYL_ROWELL@XTOENERGY.COM

Date:

09/17/19

Phone:

432-571-8205

OIL CONSERVATION DIVISION

Approved by:

Title:

Approva

DENIED
See Attached Cover Sheet

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-102

SEP 19 2019

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

☒ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT AS-DRILLED PLAT

¹ API Number 30-015- 43283	² Pool Code 96688	³ Pool Name Gatuna Canyon; Bone Spring
⁴ Property Code 325503	⁵ Property Name BIG EDDY UNIT DI 4	⁶ Well Number 268H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,466'

¹⁰ Surface Location

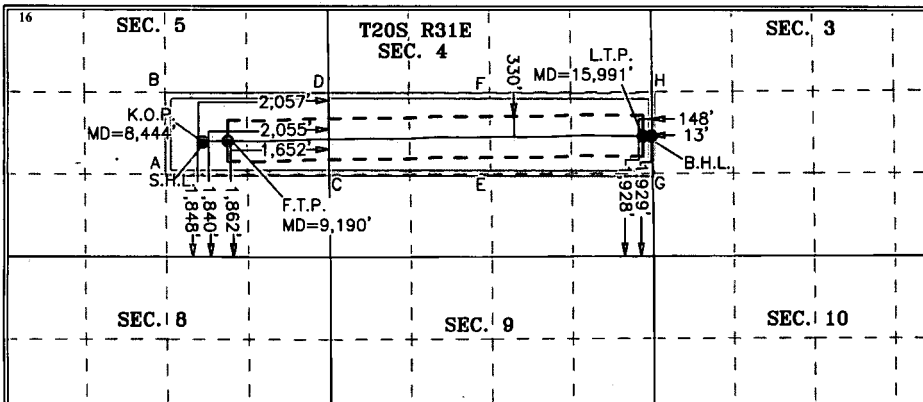
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	5	20 S	31 E		1,840	SOUTH	2,055	EAST	EDDY

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
I	4	20 S	31 E		1,929	SOUTH	13	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.

Cheryl Rowell 09/17/19
Signature Date

Cheryl Rowell
Printed Name

cheryl_rowell@xtoenergy.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.

9-11-2019
Date of Survey

Signature and Seal of
Professional Surveyor:



MARK DILLON HARP 23786
Certificate Number JC 2019030805

CORNER COORDINATES TABLE

NAD 83 NME
A - Y= 581,884.3 N, X= 677,421.7 E
B - Y= 583,203.1 N, X= 677,410.2 E
C - Y= 581,873.4 N, X= 680,094.5 E
D - Y= 583,196.2 N, X= 680,080.3 E
E - Y= 581,887.7 N, X= 682,734.1 E
F - Y= 583,210.2 N, X= 682,714.5 E
G - Y= 581,901.9 N, X= 685,378.3 E
H - Y= 583,224.2 N, X= 685,364.1 E

CORNER COORDINATES TABLE

NAD 27 NME
A - Y= 581,822.5 N, X= 636,242.3 E
B - Y= 583,141.2 N, X= 636,230.9 E
C - Y= 581,811.6 N, X= 638,915.1 E
D - Y= 583,134.3 N, X= 638,901.0 E
E - Y= 581,825.9 N, X= 641,554.7 E
F - Y= 583,148.3 N, X= 641,535.1 E
G - Y= 581,840.1 N, X= 644,198.9 E
H - Y= 583,162.3 N, X= 644,184.7 E

GEODETIC COORDINATES

SURFACE LOCATION	K.O.P.	FIRST TAKE POINT	LAST TAKE POINT	BOTTOM HOLE LOCATION
NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME
Y=582,402.2	Y=582,410.2	Y=582,421.5	Y=582,507.0	Y=582,508.2
X=678,033.7	X=678,031.8	X=678,436.3	X=685,223.4	X=685,358.4
LAT.=32.600292°N	LAT.=32.600314°N	LAT.=32.600340°N	LAT.=32.600495°N	LAT.=32.600497°N
LONG.=103.889446°W	LONG.=103.889452°W	LONG.=103.888139°W	LONG.=103.866099°W	LONG.=103.865660°W

SURFACE LOCATION	K.O.P.	FIRST TAKE POINT	LAST TAKE POINT	BOTTOM HOLE LOCATION
NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 NME
Y=582,340.4	Y=582,348.4	Y=582,359.7	Y=582,445.2	Y=582,446.4
X=636,854.3	X=636,852.4	X=637,256.9	X=644,044.0	X=644,179.0
LAT.=32.600173°N	LAT.=32.600195°N	LAT.=32.600221°N	LAT.=32.600376°N	LAT.=32.600378°N
LONG.=103.888943°W	LONG.=103.888949°W	LONG.=103.887636°W	LONG.=103.865596°W	LONG.=103.865158°W

SEP 19 2019

Survey Report Landscape

RECEIVED

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4 268H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3466+18 @ 3484.00usft (P525_268H)
Site:	BIG EDDY UNIT DI 4 267H 268H	MD Reference:	3466+18 @ 3484.00usft (P525_268H)
Well:	BEU DI 4 268H	North Reference:	Grid
Wellbore:	268H	Survey Calculation Method:	Minimum Curvature
Design:	268H (AsDrilled)	Database:	STRYKER_EDM

Project	Eddy County, NM (NAD27) NMEZ Grid		
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	BIG EDDY UNIT DI 4 267H 268H		
Site Position:		Northing:	582,340.60 usft
From:	Map	Easting:	636,814.30 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13.20 in
		Latitude:	32.60017381
		Longitude:	-103.88907310
		Grid Convergence:	0.24 °

Well	BEU DI 4 268H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty		0.00 usft	Wellhead Elevation:
			usft
			Latitude:
			32.60017280
			Longitude:
			-103.88894322
			Ground Level:
			3,466.00 usft

Wellbore	268H		
Magnetics	Model Name	Sample Date	Declination
			(°)
			Dip Angle
			(°)
			Field Strength
			(nT)
	User Defined	03/27/19	7.25
			60.29
			48,026.00000000

Design	268H (AsDrilled)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
			Direction
			(°)
	0.00	0.00	89.17

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4 268H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3466+18 @ 3484.00usft (P525_268H)
Site:	BIG EDDY UNIT DI 4 267H 268H	MD Reference:	3466+18 @ 3484.00usft (P525_268H)
Well:	BEU DI 4 268H	North Reference:	Grid
Wellbore:	268H	Survey Calculation Method:	Minimum Curvature
Design:	268H (AsDrilled)	Database:	STRYKER_EDM

Survey Program		Date 05/28/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
142.00	4,195.00	Survey #1 (268H)	MWD	OWSG MWD - Standard
4,195.00	16,064.00	Survey #2 (268H)	MWD+IFR1+MS	OWSG MWD + IFR1 + Multi-Station Correction
16,126.00	16,126.00	Survey #3 (268H)	Projection	Projection

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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	582,340.40	636,854.30	
BEU DI 4 268H SHL											
142.00	0.60	327.90	142.00	0.63	-0.40	0.74	327.90	0.42	582,341.03	636,853.90	
203.00	0.50	350.60	202.99	1.16	-0.61	1.31	332.39	0.39	582,341.56	636,853.69	
233.00	0.60	322.90	232.99	1.42	-0.72	1.59	332.93	0.94	582,341.82	636,853.58	
293.00	0.40	306.30	292.99	1.79	-1.08	2.09	328.86	0.41	582,342.19	636,853.22	
353.00	0.70	324.60	352.99	2.21	-1.46	2.65	326.54	0.57	582,342.61	636,852.84	
384.00	0.80	298.20	383.99	2.47	-1.76	3.04	324.48	1.15	582,342.87	636,852.54	
478.00	1.10	316.10	477.97	3.43	-2.97	4.54	319.14	0.45	582,343.83	636,851.33	
568.00	1.10	317.00	567.96	4.69	-4.16	6.26	318.43	0.02	582,345.09	636,850.14	
627.00	1.50	303.60	626.94	5.53	-5.19	7.58	316.83	0.85	582,345.93	636,849.11	
755.00	0.90	296.30	754.91	6.90	-7.48	10.18	312.68	0.48	582,347.30	636,846.82	
845.00	0.70	307.80	844.90	7.55	-8.55	11.41	311.44	0.28	582,347.95	636,845.75	
934.00	0.40	11.00	933.90	8.19	-8.92	12.11	312.55	0.71	582,348.59	636,845.38	
1,024.00	0.20	311.60	1,023.90	8.60	-8.98	12.43	313.77	0.38	582,349.00	636,845.32	
1,113.00	0.40	117.00	1,112.90	8.56	-8.82	12.29	314.16	0.67	582,348.96	636,845.48	
1,203.00	0.40	100.20	1,202.90	8.36	-8.23	11.73	315.47	0.13	582,348.76	636,846.07	
1,292.00	0.50	76.30	1,291.89	8.40	-7.55	11.29	318.07	0.24	582,348.80	636,846.75	
1,382.00	0.50	84.60	1,381.89	8.53	-6.77	10.89	321.55	0.08	582,348.93	636,847.53	
1,472.00	0.60	75.10	1,471.89	8.69	-5.93	10.52	325.70	0.15	582,349.09	636,848.37	
1,561.00	0.80	63.30	1,560.88	9.09	-4.92	10.34	331.57	0.28	582,349.49	636,849.38	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4 268H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3466+18 @ 3484.00usft (P525_268H)
Site:	BIG EDDY UNIT DI 4 267H 268H	MD Reference:	3466+18 @ 3484.00usft (P525_268H)
Well:	BEU DI 4 268H	North Reference:	Grid
Wellbore:	268H	Survey Calculation Method:	Minimum Curvature
Design:	268H (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)	
1,651.00	0.70	54.50	1,650.87	9.69	-3.91	10.45	338.01	0.17	582,350.09	636,850.39	
1,740.00	1.80	69.70	1,739.85	10.49	-2.16	10.71	348.37	1.28	582,350.89	636,852.14	
1,830.00	2.20	67.00	1,829.79	11.66	0.76	11.68	3.72	0.46	582,352.06	636,855.06	
1,920.00	3.40	73.80	1,919.69	13.08	4.91	13.97	20.58	1.38	582,353.48	636,859.21	
2,009.00	2.80	67.50	2,008.56	14.64	9.45	17.43	32.84	0.77	582,355.04	636,863.75	
2,099.00	2.80	63.50	2,098.45	16.47	13.45	21.26	39.24	0.22	582,356.87	636,867.75	
2,188.00	2.50	68.40	2,187.35	18.15	17.20	25.01	43.46	0.42	582,358.55	636,871.50	
2,278.00	2.70	73.30	2,277.26	19.48	21.06	28.69	47.22	0.33	582,359.88	636,875.36	
2,367.00	1.50	68.90	2,366.20	20.50	24.15	31.68	49.67	1.36	582,360.90	636,878.45	
2,455.00	1.40	70.20	2,454.17	21.28	26.24	33.78	50.95	0.12	582,361.68	636,880.54	
2,539.00	1.10	45.70	2,538.15	22.19	27.78	35.56	51.38	0.72	582,362.59	636,882.08	
2,628.00	1.00	31.60	2,627.14	23.45	28.80	37.14	50.84	0.31	582,363.85	636,883.10	
2,718.00	1.00	29.40	2,717.12	24.80	29.60	38.62	50.03	0.04	582,365.20	636,883.90	
2,808.00	1.00	27.20	2,807.11	26.19	30.34	40.08	49.20	0.04	582,366.59	636,884.64	
2,897.00	1.20	16.90	2,896.09	27.77	30.97	41.59	48.11	0.32	582,368.17	636,885.27	
2,987.00	1.00	18.20	2,986.08	29.42	31.49	43.09	46.94	0.22	582,369.82	636,885.79	
3,077.00	1.20	354.60	3,076.06	31.10	31.64	44.37	45.49	0.55	582,371.50	636,885.94	
3,166.00	1.30	352.80	3,165.04	33.03	31.43	45.59	43.57	0.12	582,373.43	636,885.73	
3,256.00	1.50	353.00	3,255.01	35.21	31.16	47.02	41.50	0.22	582,375.61	636,885.46	
3,345.00	1.40	351.10	3,343.98	37.44	30.85	48.51	39.48	0.12	582,377.84	636,885.15	
3,435.00	1.50	3.60	3,433.95	39.71	30.75	50.22	37.76	0.37	582,380.11	636,885.05	
3,524.00	1.50	356.30	3,522.92	42.03	30.75	52.08	36.19	0.21	582,382.43	636,885.05	
3,614.00	1.30	351.80	3,612.90	44.22	30.53	53.73	34.62	0.25	582,384.62	636,884.83	
3,703.00	1.50	359.20	3,701.87	46.38	30.37	55.44	33.21	0.30	582,386.78	636,884.67	
3,793.00	1.60	7.70	3,791.84	48.80	30.52	57.56	32.02	0.28	582,389.20	636,884.82	
3,882.00	1.60	2.60	3,880.80	51.28	30.74	59.79	30.94	0.16	582,391.68	636,885.04	
3,972.00	1.50	3.30	3,970.77	53.71	30.87	61.94	29.89	0.11	582,394.11	636,885.17	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4 268H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3466+18 @ 3484.00usft (P525_268H)
Site:	BIG EDDY UNIT DI 4 267H 268H	MD Reference:	3466+18 @ 3484.00usft (P525_268H)
Well:	BEU DI 4 268H	North Reference:	Grid
Wellbore:	268H	Survey Calculation Method:	Minimum Curvature
Design:	268H (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)	
4,061.00	1.70	12.20	4,059.74	56.16	31.21	64.25	29.06	0.36	582,396.56	636,885.51	
4,151.00	1.60	5.30	4,149.70	58.72	31.61	66.68	28.30	0.25	582,399.12	636,885.91	
4,195.00	1.40	1.70	4,193.68	59.87	31.68	67.73	27.89	0.50	582,400.27	636,885.98	
4,249.00	1.41	359.32	4,247.67	61.19	31.69	68.91	27.38	0.11	582,401.59	636,885.99	
First Stryker Survey											
4,339.00	1.32	296.74	4,337.65	62.76	30.75	69.89	26.11	1.58	582,403.16	636,885.05	
4,429.00	1.41	303.59	4,427.62	63.84	28.91	70.08	24.36	0.21	582,404.24	636,883.21	
4,518.00	1.23	213.85	4,516.60	63.65	27.46	69.33	23.34	2.10	582,404.05	636,881.76	
4,608.00	1.36	217.99	4,606.58	62.01	26.27	67.34	22.96	0.18	582,402.41	636,880.57	
4,697.00	1.27	219.22	4,695.56	60.41	24.99	65.38	22.47	0.11	582,400.81	636,879.29	
4,787.00	1.19	199.71	4,785.54	58.76	24.05	63.49	22.26	0.47	582,399.16	636,878.35	
4,876.00	1.30	178.70	4,874.52	56.88	23.76	61.64	22.67	0.52	582,397.28	636,878.06	
4,966.00	1.50	169.70	4,964.49	54.70	23.99	59.73	23.68	0.33	582,395.10	636,878.29	
5,055.00	1.40	168.20	5,053.46	52.49	24.42	57.90	24.95	0.12	582,392.89	636,878.72	
5,145.00	1.40	169.20	5,143.44	50.34	24.85	56.14	26.28	0.03	582,390.74	636,879.15	
5,235.00	1.20	157.60	5,233.41	48.38	25.42	54.66	27.72	0.37	582,388.78	636,879.72	
5,324.00	1.10	166.70	5,322.39	46.69	25.97	53.43	29.08	0.23	582,387.09	636,880.27	
5,414.00	0.90	180.70	5,412.38	45.14	26.16	52.18	30.09	0.35	582,385.54	636,880.46	
5,504.00	0.60	192.70	5,502.37	43.98	26.05	51.11	30.64	0.37	582,384.38	636,880.35	
5,593.00	0.60	190.30	5,591.37	43.06	25.86	50.23	30.99	0.03	582,383.46	636,880.16	
5,683.00	0.50	200.10	5,681.36	42.23	25.64	49.41	31.27	0.15	582,382.63	636,879.94	
5,773.00	0.40	188.60	5,771.36	41.55	25.46	48.73	31.50	0.15	582,381.95	636,879.76	
5,862.00	0.20	193.60	5,860.36	41.09	25.38	48.30	31.70	0.23	582,381.49	636,879.68	
5,952.00	1.30	259.20	5,950.35	40.75	24.34	47.47	30.85	1.37	582,381.15	636,878.64	
6,042.00	1.50	256.40	6,040.32	40.28	22.19	45.99	28.85	0.23	582,380.68	636,876.49	
6,131.00	1.50	266.70	6,129.29	39.94	19.90	44.62	26.48	0.30	582,380.34	636,874.20	
6,221.00	1.60	263.50	6,219.26	39.73	17.47	43.40	23.74	0.15	582,380.13	636,871.77	

Survey Report Landscape

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI 4 268H
Project:	Eddy County, NM (NAD27) NMEZ Grid	TVD Reference:	3466+18 @ 3484.00usft (P525_268H)
Site:	BIG EDDY UNIT DI 4 267H 268H	MD Reference:	3466+18 @ 3484.00usft (P525_268H)
Well:	BEU DI 4 268H	North Reference:	Grid
Wellbore:	268H	Survey Calculation Method:	Minimum Curvature
Design:	268H (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)	
6,311.00	1.50	263.10	6,309.23	39.45	15.05	42.22	20.89	0.11	582,379.85	636,869.35	
6,400.00	1.40	271.80	6,398.20	39.34	12.81	41.38	18.04	0.27	582,379.74	636,867.11	
6,489.00	1.00	245.10	6,487.18	39.05	11.02	40.57	15.76	0.76	582,379.45	636,865.32	
6,579.00	0.90	257.80	6,577.17	38.57	9.62	39.75	14.00	0.26	582,378.97	636,863.92	
6,669.00	1.50	175.70	6,667.15	37.25	9.01	38.32	13.60	1.82	582,377.65	636,863.31	
6,758.00	1.50	173.50	6,756.12	34.93	9.23	36.13	14.81	0.06	582,375.33	636,863.53	
6,848.00	1.30	180.20	6,846.10	32.73	9.36	34.05	15.96	0.29	582,373.13	636,863.66	
6,938.00	1.20	193.20	6,936.08	30.80	9.14	32.13	16.54	0.33	582,371.20	636,863.44	
7,027.00	1.00	204.90	7,025.06	29.18	8.60	30.43	16.43	0.34	582,369.58	636,862.90	
7,117.00	1.10	211.50	7,115.04	27.74	7.82	28.82	15.75	0.17	582,368.14	636,862.12	
7,207.00	1.20	227.40	7,205.03	26.36	6.68	27.19	14.21	0.37	582,366.76	636,860.98	
7,296.00	1.30	196.50	7,294.01	24.76	5.70	25.41	12.97	0.76	582,365.16	636,860.00	
7,386.00	1.10	210.30	7,383.99	23.04	4.98	23.57	12.19	0.39	582,363.44	636,859.28	
7,475.00	0.70	200.30	7,472.98	21.79	4.36	22.22	11.31	0.48	582,362.19	636,858.66	
7,565.00	0.80	209.70	7,562.97	20.73	3.86	21.08	10.54	0.18	582,361.13	636,858.16	
7,655.00	0.90	222.80	7,652.96	19.66	3.06	19.90	8.86	0.24	582,360.06	636,857.36	
7,744.00	1.00	225.10	7,741.95	18.60	2.04	18.71	6.26	0.12	582,359.00	636,856.34	
7,834.00	2.10	232.80	7,831.91	17.05	0.17	17.05	0.57	1.24	582,357.45	636,854.47	
7,923.00	1.10	232.40	7,920.88	15.54	-1.81	15.65	353.37	1.12	582,355.94	636,852.49	
8,013.00	1.20	205.20	8,010.86	14.16	-2.89	14.46	348.46	0.61	582,354.56	636,851.41	
8,103.00	1.80	211.70	8,100.83	12.11	-4.04	12.76	341.57	0.69	582,352.51	636,850.26	
8,192.00	1.60	211.00	8,189.79	9.86	-5.41	11.24	331.24	0.23	582,350.26	636,848.89	
8,282.00	0.70	145.10	8,279.77	8.33	-5.74	10.12	325.41	1.62	582,348.73	636,848.56	
8,371.00	0.70	120.40	8,368.76	7.61	-4.96	9.08	326.88	0.34	582,348.01	636,849.34	
8,466.00	4.36	78.17	8,463.66	8.05	-0.93	8.11	353.44	4.07	582,348.45	636,853.37	
8,510.00	10.39	77.06	8,507.28	9.29	4.58	10.36	26.27	13.71	582,349.69	636,858.88	
8,555.00	14.41	78.58	8,551.22	11.30	14.03	18.02	51.14	8.96	582,351.70	636,868.33	