

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

NMOCD-REC'D: 09/03/2020

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- 43285	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 266H
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁹ Elevation 3,467'

¹⁰ Surface Location

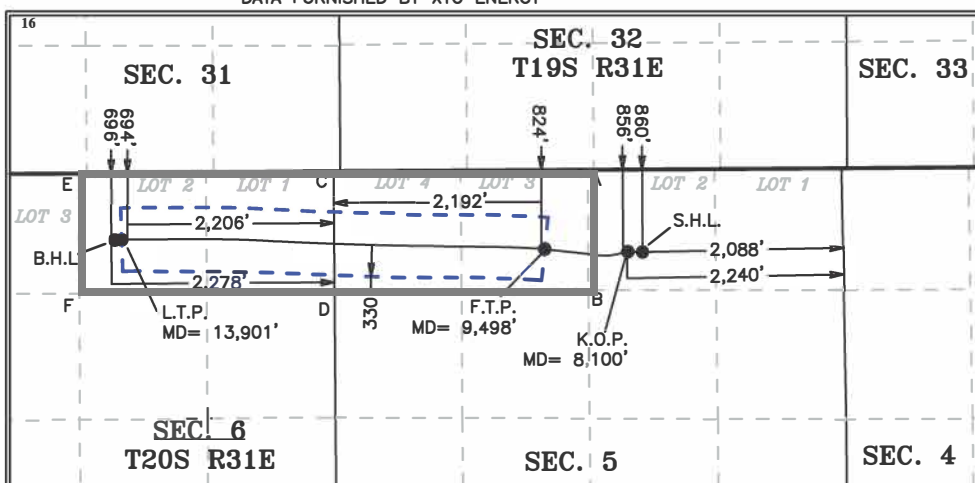
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	5	20 S	31 E		860	NORTH	2,088	EAST	EDDY

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
2	6	20 S	31 E		696	NORTH	2,278	EAST	EDDY

¹² Dedicated Acres 187.68	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 11/19/19
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

AW/JC

2019020577

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

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



State of New Mexico
County of Eddy

I, Jeremy Esqueda, certify that: I am employed by WellBenders Directional Services LLC; that I did on the day(s) of April 20, 2019 through May 5, 2019 conduct or supervise the taking of MWD Directional Survey from a depth of 822 feet to a depth of 8,100 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by WellBenders Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for the State of New Mexico; Well: Big Eddy Unit DI4 #266H in Eddy County; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by WellBenders Directional Services LLC.

Jeremy Esqueda
(Sign Name)

Jeremy Esqueda
MWD Manager
Digitally Signed by Jeremy Esqueda



State of New Mexico
County of Eddy

I, Jeremy Esqueda, certify that: I am employed by WellBenders Directional Services LLC; that I did on the day(s) of April 20, 2019 through May 5, 2019 conduct or supervise the taking of MWD Directional Survey from a depth of 822 feet to a depth of 8,100 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by WellBenders Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of XTO Energy Inc. for the State of New Mexico; Well: Big Eddy Unit DI4 #266H in Eddy County; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by WellBenders Directional Services LLC.

Jeremy Esqueda
(Sign Name)

Jeremy Esqueda
MWD Manager
Digitally Signed by Jeremy Esqueda



Survey Report

Service Company: WellBenders Directional Services

Location: Eddy Co., New Mexico

Well: Big Eddy Unit D14 #266H

Rig: Cactus 118

API or UWI:

Job Number: WTXDG 2019-1139

State: New Mexico

Operating Company: XTO Energy

County: Eddy

Magnetic Declination: 6.69

Country: U.S.A.

Proposed Azimuth: 0.00

Comment

North Reference: GRID

Latitude: 32.607133

Longitude: -103.889149

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
822.00	1.80	90.80	821.86	-0.18	12.91	90.80	12.91	-0.18	0.22
916.00	1.00	69.70	915.84	0.08	15.16	89.68	15.16	0.08	1.00
1010.00	0.90	292.20	1009.83	0.65	15.24	87.57	15.25	0.65	1.88
1104.00	0.90	285.80	1103.82	1.13	13.85	85.35	13.89	1.13	0.11
1198.00	0.80	280.40	1197.81	1.45	12.49	83.39	12.57	1.45	0.14
1291.00	0.90	282.10	1290.80	1.72	11.14	81.24	11.27	1.72	0.11
1385.00	0.90	297.40	1384.79	2.21	9.76	77.23	10.01	2.21	0.25
1479.00	1.00	304.40	1478.77	3.01	8.43	70.32	8.95	3.01	0.16
1573.00	1.00	318.70	1572.76	4.09	7.21	60.41	8.29	4.09	0.26
1667.00	0.80	335.00	1666.75	5.31	6.39	50.31	8.31	5.31	0.34
1761.00	0.80	4.70	1760.74	6.55	6.17	43.26	9.00	6.55	0.44
1854.00	1.20	28.20	1853.73	8.06	6.68	39.66	10.47	8.06	0.61
1948.00	1.70	39.80	1947.70	10.00	8.04	38.80	12.83	10.00	0.61
2042.00	2.40	47.10	2041.64	12.41	10.37	39.90	16.17	12.41	0.79
2136.00	3.10	47.60	2135.53	15.46	13.69	41.53	20.65	15.46	0.75
2230.00	2.50	50.50	2229.41	18.48	17.15	42.86	25.21	18.48	0.66

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
2323.00	1.00	52.50	2322.37	20.26	19.36	43.69	28.03	20.26	1.61
2417.00	0.60	200.70	2416.36	20.30	19.84	44.33	28.39	20.30	1.64
2444.00	0.90	206.60	2443.36	19.98	19.69	44.58	28.05	19.98	1.15
2589.00	1.60	206.20	2588.33	17.15	18.29	46.84	25.07	17.15	0.48
2683.00	1.60	207.00	2682.29	14.80	17.11	49.15	22.63	14.80	0.02
2777.00	1.80	204.30	2776.25	12.29	15.91	52.32	20.10	12.29	0.23
2871.00	2.00	219.30	2870.20	9.67	14.26	55.86	17.23	9.67	0.57
3058.00	1.60	226.70	3057.10	5.36	10.30	62.52	11.61	5.36	0.25
3152.00	1.20	240.20	3151.08	3.97	8.49	64.95	9.37	3.97	0.55
3246.00	0.80	241.00	3245.06	3.16	7.06	65.89	7.73	3.16	0.43
3340.00	0.70	253.70	3339.05	2.68	5.93	65.70	6.51	2.68	0.21
3434.00	0.90	234.50	3433.04	2.09	4.78	66.40	5.22	2.09	0.35
3528.00	1.30	253.00	3527.03	1.35	3.16	66.89	3.44	1.35	0.56
3622.00	1.40	262.10	3621.00	0.88	1.00	48.79	1.34	0.88	0.25
3715.00	1.50	277.00	3713.97	0.87	-1.33	303.27	1.59	0.87	0.42
3809.00	1.60	283.60	3807.94	1.33	-3.83	289.18	4.05	1.33	0.22
3903.00	1.70	281.50	3901.90	1.92	-6.47	286.51	6.75	1.92	0.12
3996.00	1.70	279.80	3994.86	2.43	-9.18	284.81	9.49	2.43	0.05
4090.00	1.60	277.60	4088.82	2.84	-11.85	283.46	12.19	2.84	0.13
4311.00	1.80	280.80	4309.72	3.90	-18.32	282.01	18.73	3.90	0.10
4405.00	1.70	283.80	4403.68	4.51	-21.13	282.04	21.60	4.51	0.14
4498.00	1.70	283.00	4496.64	5.14	-23.81	282.19	24.36	5.14	0.03
4592.00	1.80	282.10	4590.59	5.77	-26.61	282.23	27.23	5.77	0.11
4685.00	1.80	285.20	4683.55	6.46	-29.45	282.37	30.15	6.46	0.10
4779.00	1.90	284.90	4777.50	7.24	-32.38	282.61	33.18	7.24	0.11
4873.00	1.90	282.60	4871.45	7.99	-35.41	282.71	36.30	7.99	0.08
4966.00	1.90	284.10	4964.40	8.70	-38.41	282.76	39.38	8.70	0.05
5060.00	1.90	280.50	5058.34	9.36	-41.45	282.73	42.49	9.36	0.13
5154.00	1.80	281.30	5152.29	9.93	-44.43	282.60	45.53	9.93	0.11
5247.00	1.60	282.60	5245.25	10.50	-47.13	282.56	48.28	10.50	0.22
5341.00	1.00	282.30	5339.23	10.96	-49.21	282.56	50.42	10.96	0.64
5434.00	0.80	279.20	5432.22	11.24	-50.64	282.51	51.88	11.24	0.22
5528.00	0.90	278.30	5526.21	11.45	-52.02	282.42	53.27	11.45	0.11
5622.00	2.20	254.30	5620.17	11.07	-54.49	281.48	55.60	11.07	1.52
5716.00	2.20	254.90	5714.10	10.11	-57.97	279.90	58.84	10.11	0.02
5810.00	3.00	257.30	5808.00	9.10	-62.11	278.34	62.77	9.10	0.86
5904.00	3.00	259.50	5901.88	8.11	-66.93	276.91	67.42	8.11	0.12

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5997.00	3.10	262.30	5994.74	7.33	-71.81	275.83	72.19	7.33	0.19
6091.00	3.00	261.70	6088.61	6.64	-76.77	274.94	77.05	6.64	0.11
6185.00	3.10	263.40	6182.48	5.99	-81.73	274.19	81.94	5.99	0.14
6278.00	3.10	264.90	6275.34	5.48	-86.73	273.61	86.90	5.48	0.09
6372.00	3.10	268.50	6369.20	5.18	-91.80	273.23	91.95	5.18	0.21
6466.00	3.00	270.80	6463.07	5.15	-96.80	273.05	96.94	5.15	0.17
6560.00	2.90	257.10	6556.95	4.66	-101.58	272.62	101.69	4.66	0.76
6654.00	3.00	260.30	6650.82	3.71	-106.32	272.00	106.39	3.71	0.20
6748.00	2.70	262.10	6744.71	2.99	-110.94	271.54	110.98	2.99	0.33
6841.00	2.60	265.70	6837.61	2.53	-115.21	271.26	115.24	2.53	0.21
6935.00	2.30	273.00	6931.52	2.47	-119.22	271.19	119.25	2.47	0.46
7029.00	2.20	256.60	7025.45	2.15	-122.86	271.00	122.88	2.15	0.69
7123.00	1.60	255.10	7119.40	1.40	-125.88	270.64	125.89	1.40	0.64
7216.00	1.80	255.10	7212.36	0.69	-128.55	270.31	128.55	0.69	0.22
7310.00	2.00	257.50	7306.31	-0.05	-131.58	269.98	131.58	-0.05	0.23
7404.00	2.00	285.50	7400.25	0.04	-134.76	270.02	134.76	0.04	1.03
7498.00	2.20	286.00	7494.19	0.97	-138.07	270.40	138.08	0.97	0.21
7591.00	1.90	289.70	7587.13	1.98	-141.24	270.80	141.26	1.98	0.35
7685.00	2.00	302.40	7681.07	3.39	-144.09	271.35	144.13	3.39	0.47
7779.00	2.50	283.30	7775.00	4.74	-147.47	271.84	147.55	4.74	0.95
7873.00	1.70	294.10	7868.94	5.78	-150.74	272.20	150.85	5.78	0.95
7967.00	1.00	281.00	7962.91	6.50	-152.82	272.44	152.96	6.50	0.81
8047.00	2.70	259.80	8042.87	6.30	-155.36	272.32	155.49	6.30	2.26

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8100.00	2.70	259.80	8095.81	5.86	-157.82	272.13	157.93	5.86	0.00



I Joseph Proske, certify that I am employed by Scout Downhole Inc. (SDI). That I did on the day(s) of 05/05/19 thru 05/12/19 conduct or supervise the taking of a MWD Survey from a depth of 8107' to a depth of 13973'; 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 for the BEU DI4 266H API No. 30-015-43285 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: 2020.02.10 15:02:

41 -06'00'

1125 Beach Airport Rd, Conroe, Texas
77301

PH 936-756-3255 FAX 936-756-3229



Survey Report



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	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	Big Eddy Unit DI4				
Site Position:		Northing:	584,872.20 usft	Latitude:	32° 36' 25.679 N
From:	Map	Easting:	636,780.20 usft	Longitude:	103° 53' 20.938 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.24 °

Well	BEU DI4 266H				
Well Position	+N/-S	0.00 usft	Northing:	584,872.20 usft	Latitude: 32° 36' 25.679 N
	+E/-W	0.00 usft	Easting:	636,780.20 usft	Longitude: 103° 53' 20.938 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level: 3,467.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	04/08/19	7.22	60.45	48,165.00000000

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)	Direction (°)	
	0.00	0.00	0.00		271.47

Survey Program	Date	07/19/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
822.00	8,047.00	Wellbenders (Wellbore #1)	MWD	MWD - Standard	
8,107.00	14,040.00	Scout MWD (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM	

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)	
8,047.00	2.70	259.80	8,042.87	6.30	-155.36	155.47	0.00	0.00	0.00	
8,107.00	4.26	252.11	8,102.76	5.37	-158.87	158.96	2.71	2.60	-12.82	
First Scout MWD Survey @ 8107.00' MD										
8,140.00	9.23	260.90	8,135.52	4.57	-162.65	162.72	15.34	15.06	26.64	
8,196.00	14.29	260.37	8,190.33	2.71	-173.91	173.92	9.04	9.04	-0.95	
8,246.00	17.23	256.77	8,238.44	-0.02	-187.21	187.14	6.19	5.88	-7.20	
8,289.00	20.97	258.17	8,279.07	-3.06	-200.94	200.80	8.76	8.70	3.26	
8,343.00	20.22	256.24	8,329.62	-7.26	-219.46	219.20	1.87	-1.39	-3.57	
8,386.00	19.34	255.01	8,370.08	-10.87	-233.56	233.20	2.26	-2.05	-2.86	
8,427.00	18.42	254.30	8,408.87	-14.38	-246.35	245.90	2.31	-2.24	-1.73	



Survey Report



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	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)	
8,478.00	17.27	253.69	8,457.42	-18.68	-261.38	260.81	2.28	-2.25	-1.20	
8,507.00	19.78	257.03	8,484.91	-20.99	-270.29	269.66	9.39	8.66	11.52	
8,542.00	23.03	258.35	8,517.50	-23.71	-282.77	282.07	9.39	9.29	3.77	
8,574.00	26.20	258.96	8,546.58	-26.32	-295.84	295.07	9.94	9.91	1.91	
8,609.00	29.76	260.98	8,577.49	-29.17	-312.01	311.16	10.52	10.17	5.77	
8,640.00	32.79	262.13	8,603.98	-31.52	-327.92	327.01	9.96	9.77	3.71	
8,666.00	35.87	264.41	8,625.45	-33.23	-342.48	341.52	12.84	11.85	8.77	
8,703.00	38.95	267.49	8,654.84	-34.79	-364.90	363.88	9.74	8.32	8.32	
8,730.00	41.49	270.21	8,675.46	-35.13	-382.32	381.30	11.44	9.41	10.07	
8,762.00	44.40	271.44	8,698.88	-34.81	-404.12	403.09	9.46	9.09	3.84	
8,807.00	44.70	271.18	8,730.95	-34.09	-435.68	434.66	0.78	0.67	-0.58	
8,853.00	45.27	277.16	8,763.50	-31.72	-468.08	467.11	9.27	1.24	13.00	
8,900.00	45.89	277.86	8,796.39	-27.33	-501.36	500.50	1.69	1.32	1.49	
8,949.00	44.84	276.89	8,830.82	-22.85	-535.94	535.18	2.56	-2.14	-1.98	
9,000.00	44.48	275.93	8,867.10	-18.85	-571.56	570.89	1.50	-0.71	-1.88	
9,030.00	48.31	275.93	8,887.78	-16.61	-593.17	592.55	12.77	12.77	0.00	
9,041.00	49.89	276.10	8,894.98	-15.74	-601.43	600.83	14.41	14.36	1.55	
9,078.00	54.51	276.36	8,917.66	-12.56	-630.49	629.96	12.50	12.49	0.70	
9,109.00	58.15	276.28	8,934.84	-9.72	-656.13	655.66	11.74	11.74	-0.26	
9,136.00	61.67	276.72	8,948.37	-7.08	-679.34	678.93	13.11	13.04	1.63	
9,171.00	65.32	277.24	8,963.99	-3.27	-710.42	710.10	10.51	10.43	1.49	
9,203.00	68.09	275.93	8,976.65	0.10	-739.61	739.37	9.44	8.66	-4.09	
9,230.00	71.25	275.57	8,986.02	2.63	-764.80	764.62	11.77	11.70	-1.33	
9,264.00	72.09	275.13	8,996.72	5.64	-796.93	796.82	2.76	2.47	-1.29	
9,295.00	74.55	275.57	9,005.61	8.41	-826.50	826.44	8.05	7.94	1.42	
9,326.00	76.62	276.28	9,013.33	11.51	-856.36	856.37	7.04	6.68	2.29	
9,357.00	78.11	276.63	9,020.11	14.91	-886.42	886.51	4.93	4.81	1.13	
9,387.00	79.96	277.51	9,025.82	18.54	-915.64	915.82	6.81	6.17	2.93	
9,415.00	81.93	277.86	9,030.22	22.24	-943.04	943.30	7.14	7.04	1.25	
9,449.00	84.66	276.80	9,034.19	26.54	-976.53	976.89	8.61	8.03	-3.12	
9,480.00	85.41	276.45	9,036.88	30.11	-1,007.21	1,007.65	2.67	2.42	-1.13	
9,508.00	86.07	275.40	9,038.96	32.99	-1,034.98	1,035.49	4.42	2.36	-3.75	
9,542.00	87.47	275.05	9,040.87	36.08	-1,068.79	1,069.36	4.24	4.12	-1.03	
9,578.00	88.48	274.08	9,042.14	38.94	-1,104.65	1,105.28	3.89	2.81	-2.69	
9,601.00	89.45	273.29	9,042.56	40.42	-1,127.60	1,128.26	5.44	4.22	-3.43	
9,635.00	91.74	272.76	9,042.21	42.21	-1,161.55	1,162.25	6.91	6.74	-1.56	
9,701.00	91.74	272.06	9,040.20	44.99	-1,227.46	1,228.21	1.06	0.00	-1.06	
9,795.00	91.30	271.44	9,037.71	47.86	-1,321.38	1,322.17	0.81	-0.47	-0.66	
9,888.00	92.92	272.15	9,034.29	50.77	-1,414.27	1,415.10	1.90	1.74	0.76	
9,982.00	92.79	271.44	9,029.60	53.71	-1,508.10	1,508.99	0.77	-0.14	-0.76	
10,076.00	92.79	270.92	9,025.03	55.64	-1,601.97	1,602.87	0.55	0.00	-0.55	
10,170.00	92.35	270.65	9,020.81	56.93	-1,695.87	1,696.77	0.55	-0.47	-0.29	
10,264.00	92.44	270.56	9,016.89	57.92	-1,789.78	1,790.68	0.14	0.10	-0.10	



Survey Report



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	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)
10,358.00	92.31	269.69	9,012.99	58.13	-1,883.70	1,884.57	0.94	-0.14	-0.93
10,452.00	92.35	270.83	9,009.17	58.55	-1,977.62	1,978.47	1.21	0.04	1.21
10,546.00	90.51	272.06	9,006.82	60.92	-2,071.55	2,072.43	2.35	-1.96	1.31
10,639.00	90.55	271.27	9,005.96	63.62	-2,164.51	2,165.43	0.85	0.04	-0.85
10,733.00	90.81	270.56	9,004.85	65.12	-2,258.49	2,259.42	0.80	0.28	-0.76
10,827.00	90.86	270.04	9,003.48	65.62	-2,352.48	2,353.39	0.56	0.05	-0.55
10,921.00	90.99	270.04	9,001.96	65.68	-2,446.47	2,447.35	0.14	0.14	0.00
11,015.00	91.21	272.41	9,000.15	67.69	-2,540.42	2,541.32	2.53	0.23	2.52
11,109.00	91.78	272.06	8,997.70	71.36	-2,634.32	2,635.28	0.71	0.61	-0.37
11,203.00	90.86	270.83	8,995.54	73.73	-2,728.26	2,729.25	1.63	-0.98	-1.31
11,296.00	91.65	271.79	8,993.50	75.85	-2,821.21	2,822.23	1.34	0.85	1.03
11,390.00	92.75	270.92	8,989.89	78.07	-2,915.11	2,916.16	1.49	1.17	-0.93
11,484.00	92.48	271.88	8,985.60	80.37	-3,008.99	3,010.06	1.06	-0.29	1.02
11,578.00	91.60	273.11	8,982.26	84.46	-3,102.83	3,103.98	1.61	-0.94	1.31
11,671.00	91.56	272.06	8,979.69	88.65	-3,195.70	3,196.93	1.13	-0.04	-1.13
11,765.00	91.16	271.18	8,977.46	91.31	-3,289.64	3,290.90	1.03	-0.43	-0.94
11,859.00	91.60	270.65	8,975.20	92.81	-3,383.60	3,384.87	0.73	0.47	-0.56
11,952.00	90.77	273.20	8,973.27	95.93	-3,476.52	3,477.83	2.88	-0.89	2.74
12,046.00	91.43	273.29	8,971.47	101.25	-3,570.35	3,571.77	0.71	0.70	0.10
12,140.00	91.56	272.94	8,969.02	106.36	-3,664.18	3,665.70	0.40	0.14	-0.37
12,234.00	91.78	272.41	8,966.28	110.74	-3,758.04	3,759.64	0.61	0.23	-0.56
12,328.00	91.91	271.79	8,963.25	114.18	-3,851.92	3,853.58	0.67	0.14	-0.66
12,421.00	91.96	273.64	8,960.11	118.59	-3,944.76	3,946.51	1.99	0.05	1.99
12,515.00	91.69	272.94	8,957.12	123.98	-4,038.56	4,040.41	0.80	-0.29	-0.74
12,609.00	91.69	271.97	8,954.34	128.00	-4,132.43	4,134.35	1.03	0.00	-1.03
12,703.00	91.69	271.71	8,951.57	131.02	-4,226.34	4,228.31	0.28	0.00	-0.28
12,797.00	91.82	271.44	8,948.69	133.60	-4,320.26	4,322.27	0.32	0.14	-0.29
12,891.00	91.34	270.92	8,946.10	135.54	-4,414.20	4,416.23	0.75	-0.51	-0.55
12,984.00	91.21	270.21	8,944.03	136.45	-4,507.18	4,509.19	0.78	-0.14	-0.76
13,078.00	91.12	269.95	8,942.12	136.59	-4,601.16	4,603.15	0.29	-0.10	-0.28
13,171.00	90.90	269.25	8,940.48	135.94	-4,694.14	4,696.08	0.79	-0.24	-0.75
13,265.00	90.59	269.42	8,939.26	134.85	-4,788.13	4,790.01	0.38	-0.33	0.18
13,359.00	90.20	268.98	8,938.61	133.53	-4,882.11	4,883.93	0.63	-0.41	-0.47
13,453.00	90.68	270.04	8,937.89	132.73	-4,976.11	4,977.87	1.24	0.51	1.13
13,547.00	90.99	271.00	8,936.52	133.58	-5,070.09	5,071.85	1.07	0.33	1.02
13,640.00	90.86	269.86	8,935.02	134.28	-5,163.07	5,164.82	1.23	-0.14	-1.23
13,734.00	90.59	269.42	8,933.83	133.69	-5,257.06	5,258.76	0.55	-0.29	-0.47
13,828.00	90.33	268.37	8,933.07	131.88	-5,351.04	5,352.66	1.15	-0.28	-1.12
13,922.00	90.11	267.93	8,932.71	128.84	-5,444.99	5,446.51	0.52	-0.23	-0.47
13,973.00	90.11	267.22	8,932.61	126.68	-5,495.95	5,497.39	1.39	0.00	-1.39
Last Scout MWD Survey @ 13973.00' MD									
14,040.00	90.11	267.22	8,932.49	123.43	-5,562.87	5,564.20	0.00	0.00	0.00
Projection to Bit @ 14040.00' MD									



Survey Report



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,107.00	8,102.76	5.37	-158.87	First Scout MWD Survey @ 8107.00' MD
13,973.00	8,932.61	126.68	-5,495.95	Last Scout MWD Survey @ 13973.00' MD
14,040.00	8,932.49	123.43	-5,562.87	Projection to Bit @ 14040.00' MD

Checked By: _____	Approved By: _____	Date: _____
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I Joseph Proske, certify that I am employed by Scout Downhole Inc. (SDI). That I did on the day(s) of 05/05/19 thru 05/12/19 conduct or supervise the taking of a MWD Survey from a depth of 8107' to a depth of 13973'; 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 for the BEU DI4 266H API No. 30-015-43285 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

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



XTO Energy

**Eddy County, NM
Big Eddy Unit DI4
BEU DI4 266H**

Wellbore #1

Survey: Scout MWD

Standard Survey Report

19 July, 2019



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	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	Big Eddy Unit D14					
Site Position:		Northing:	584,872.20 usft	Latitude:	32° 36' 25.679 N	
From:	Map	Easting:	636,780.20 usft	Longitude:	103° 53' 20.938 W	
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.24 °

Well	BEU DI4 266H					
Well Position	+N/-S	0.00 usft	Northing:	584,872.20 usft	Latitude:	32° 36' 25.679 N
	+E/-W	0.00 usft	Easting:	636,780.20 usft	Longitude:	103° 53' 20.938 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,467.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	04/08/19	7.22	60.45	48,165.00000000

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)	Direction (°)	
	0.00	0.00	0.00	271.47	

Survey Program	Date	07/19/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
822.00	8,047.00	Wellbenders (Wellbore #1)	MWD	MWD - Standard	
8,107.00	14,040.00	Scout MWD (Wellbore #1)	MWD+HRGM	OWSG MWD + HRGM	

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)	
8,047.00	2.70	259.80	8,042.87	6.30	-155.36	155.47	0.00	0.00	0.00	
8,107.00	4.26	252.11	8,102.76	5.37	-158.87	158.96	2.71	2.60	-12.82	
First Scout MWD Survey @ 8107.00' MD										
8,140.00	9.23	260.90	8,135.52	4.57	-162.65	162.72	15.34	15.06	26.64	
8,196.00	14.29	260.37	8,190.33	2.71	-173.91	173.92	9.04	9.04	-0.95	
8,246.00	17.23	256.77	8,238.44	-0.02	-187.21	187.14	6.19	5.88	-7.20	
8,289.00	20.97	258.17	8,279.07	-3.06	-200.94	200.80	8.76	8.70	3.26	
8,343.00	20.22	256.24	8,329.62	-7.26	-219.46	219.20	1.87	-1.39	-3.57	
8,386.00	19.34	255.01	8,370.08	-10.87	-233.56	233.20	2.26	-2.05	-2.86	
8,427.00	18.42	254.30	8,408.87	-14.38	-246.35	245.90	2.31	-2.24	-1.73	

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU D14 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit D14	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU D14 266H	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)
8,478.00	17.27	253.69	8,457.42	-18.68	-261.38	260.81	2.28	-2.25	-1.20
8,507.00	19.78	257.03	8,484.91	-20.99	-270.29	269.66	9.39	8.66	11.52
8,542.00	23.03	258.35	8,517.50	-23.71	-282.77	282.07	9.39	9.29	3.77
8,574.00	26.20	258.96	8,546.58	-26.32	-295.84	295.07	9.94	9.91	1.91
8,609.00	29.76	260.98	8,577.49	-29.17	-312.01	311.16	10.52	10.17	5.77
8,640.00	32.79	262.13	8,603.98	-31.52	-327.92	327.01	9.96	9.77	3.71
8,666.00	35.87	264.41	8,625.45	-33.23	-342.48	341.52	12.84	11.85	8.77
8,703.00	38.95	267.49	8,654.84	-34.79	-364.90	363.88	9.74	8.32	8.32
8,730.00	41.49	270.21	8,675.46	-35.13	-382.32	381.30	11.44	9.41	10.07
8,762.00	44.40	271.44	8,698.88	-34.81	-404.12	403.09	9.46	9.09	3.84
8,807.00	44.70	271.18	8,730.95	-34.09	-435.68	434.66	0.78	0.67	-0.58
8,853.00	45.27	277.16	8,763.50	-31.72	-468.08	467.11	9.27	1.24	13.00
8,900.00	45.89	277.86	8,796.39	-27.33	-501.36	500.50	1.69	1.32	1.49
8,949.00	44.84	276.89	8,830.82	-22.85	-535.94	535.18	2.56	-2.14	-1.98
9,000.00	44.48	275.93	8,867.10	-18.85	-571.56	570.89	1.50	-0.71	-1.88
9,030.00	48.31	275.93	8,887.78	-16.61	-593.17	592.55	12.77	12.77	0.00
9,041.00	49.89	276.10	8,894.98	-15.74	-601.43	600.83	14.41	14.36	1.55
9,078.00	54.51	276.36	8,917.66	-12.56	-630.49	629.96	12.50	12.49	0.70
9,109.00	58.15	276.28	8,934.84	-9.72	-656.13	655.66	11.74	11.74	-0.26
9,136.00	61.67	276.72	8,948.37	-7.08	-679.34	678.93	13.11	13.04	1.63
9,171.00	65.32	277.24	8,963.99	-3.27	-710.42	710.10	10.51	10.43	1.49
9,203.00	68.09	275.93	8,976.65	0.10	-739.61	739.37	9.44	8.66	-4.09
9,230.00	71.25	275.57	8,986.02	2.63	-764.80	764.62	11.77	11.70	-1.33
9,264.00	72.09	275.13	8,996.72	5.64	-796.93	796.82	2.76	2.47	-1.29
9,295.00	74.55	275.57	9,005.61	8.41	-826.50	826.44	8.05	7.94	1.42
9,326.00	76.62	276.28	9,013.33	11.51	-856.36	856.37	7.04	6.68	2.29
9,357.00	78.11	276.63	9,020.11	14.91	-886.42	886.51	4.93	4.81	1.13
9,387.00	79.96	277.51	9,025.82	18.54	-915.64	915.82	6.81	6.17	2.93
9,415.00	81.93	277.86	9,030.22	22.24	-943.04	943.30	7.14	7.04	1.25
9,449.00	84.66	276.80	9,034.19	26.54	-976.53	976.89	8.61	8.03	-3.12
9,480.00	85.41	276.45	9,036.88	30.11	-1,007.21	1,007.65	2.67	2.42	-1.13
9,508.00	86.07	275.40	9,038.96	32.99	-1,034.98	1,035.49	4.42	2.36	-3.75
9,542.00	87.47	275.05	9,040.87	36.08	-1,068.79	1,069.36	4.24	4.12	-1.03
9,578.00	88.48	274.08	9,042.14	38.94	-1,104.65	1,105.28	3.89	2.81	-2.69
9,601.00	89.45	273.29	9,042.56	40.42	-1,127.60	1,128.26	5.44	4.22	-3.43
9,635.00	91.74	272.76	9,042.21	42.21	-1,161.55	1,162.25	6.91	6.74	-1.56
9,701.00	91.74	272.06	9,040.20	44.99	-1,227.46	1,228.21	1.06	0.00	-1.06
9,795.00	91.30	271.44	9,037.71	47.86	-1,321.38	1,322.17	0.81	-0.47	-0.66
9,888.00	92.92	272.15	9,034.29	50.77	-1,414.27	1,415.10	1.90	1.74	0.76
9,982.00	92.79	271.44	9,029.60	53.71	-1,508.10	1,508.99	0.77	-0.14	-0.76
10,076.00	92.79	270.92	9,025.03	55.64	-1,601.97	1,602.87	0.55	0.00	-0.55
10,170.00	92.35	270.65	9,020.81	56.93	-1,695.87	1,696.77	0.55	-0.47	-0.29
10,264.00	92.44	270.56	9,016.89	57.92	-1,789.78	1,790.68	0.14	0.10	-0.10

Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU D14 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit D14	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU D14 266H	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)	
10,358.00	92.31	269.69	9,012.99	58.13	-1,883.70	1,884.57	0.94	-0.14	-0.93	
10,452.00	92.35	270.83	9,009.17	58.55	-1,977.62	1,978.47	1.21	0.04	1.21	
10,546.00	90.51	272.06	9,006.82	60.92	-2,071.55	2,072.43	2.35	-1.96	1.31	
10,639.00	90.55	271.27	9,005.96	63.62	-2,164.51	2,165.43	0.85	0.04	-0.85	
10,733.00	90.81	270.56	9,004.85	65.12	-2,258.49	2,259.42	0.80	0.28	-0.76	
10,827.00	90.86	270.04	9,003.48	65.62	-2,352.48	2,353.39	0.56	0.05	-0.55	
10,921.00	90.99	270.04	9,001.96	65.68	-2,446.47	2,447.35	0.14	0.14	0.00	
11,015.00	91.21	272.41	9,000.15	67.69	-2,540.42	2,541.32	2.53	0.23	2.52	
11,109.00	91.78	272.06	8,997.70	71.36	-2,634.32	2,635.28	0.71	0.61	-0.37	
11,203.00	90.86	270.83	8,995.54	73.73	-2,728.26	2,729.25	1.63	-0.98	-1.31	
11,296.00	91.65	271.79	8,993.50	75.85	-2,821.21	2,822.23	1.34	0.85	1.03	
11,390.00	92.75	270.92	8,989.89	78.07	-2,915.11	2,916.16	1.49	1.17	-0.93	
11,484.00	92.48	271.88	8,985.60	80.37	-3,008.99	3,010.06	1.06	-0.29	1.02	
11,578.00	91.60	273.11	8,982.26	84.46	-3,102.83	3,103.98	1.61	-0.94	1.31	
11,671.00	91.56	272.06	8,979.69	88.65	-3,195.70	3,196.93	1.13	-0.04	-1.13	
11,765.00	91.16	271.18	8,977.46	91.31	-3,289.64	3,290.90	1.03	-0.43	-0.94	
11,859.00	91.60	270.65	8,975.20	92.81	-3,383.60	3,384.87	0.73	0.47	-0.56	
11,952.00	90.77	273.20	8,973.27	95.93	-3,476.52	3,477.83	2.88	-0.89	2.74	
12,046.00	91.43	273.29	8,971.47	101.25	-3,570.35	3,571.77	0.71	0.70	0.10	
12,140.00	91.56	272.94	8,969.02	106.36	-3,664.18	3,665.70	0.40	0.14	-0.37	
12,234.00	91.78	272.41	8,966.28	110.74	-3,758.04	3,759.64	0.61	0.23	-0.56	
12,328.00	91.91	271.79	8,963.25	114.18	-3,851.92	3,853.58	0.67	0.14	-0.66	
12,421.00	91.96	273.64	8,960.11	118.59	-3,944.76	3,946.51	1.99	0.05	1.99	
12,515.00	91.69	272.94	8,957.12	123.98	-4,038.56	4,040.41	0.80	-0.29	-0.74	
12,609.00	91.69	271.97	8,954.34	128.00	-4,132.43	4,134.35	1.03	0.00	-1.03	
12,703.00	91.69	271.71	8,951.57	131.02	-4,226.34	4,228.31	0.28	0.00	-0.28	
12,797.00	91.82	271.44	8,948.69	133.60	-4,320.26	4,322.27	0.32	0.14	-0.29	
12,891.00	91.34	270.92	8,946.10	135.54	-4,414.20	4,416.23	0.75	-0.51	-0.55	
12,984.00	91.21	270.21	8,944.03	136.45	-4,507.18	4,509.19	0.78	-0.14	-0.76	
13,078.00	91.12	269.95	8,942.12	136.59	-4,601.16	4,603.15	0.29	-0.10	-0.28	
13,171.00	90.90	269.25	8,940.48	135.94	-4,694.14	4,696.08	0.79	-0.24	-0.75	
13,265.00	90.59	269.42	8,939.26	134.85	-4,788.13	4,790.01	0.38	-0.33	0.18	
13,359.00	90.20	268.98	8,938.61	133.53	-4,882.11	4,883.93	0.63	-0.41	-0.47	
13,453.00	90.68	270.04	8,937.89	132.73	-4,976.11	4,977.87	1.24	0.51	1.13	
13,547.00	90.99	271.00	8,936.52	133.58	-5,070.09	5,071.85	1.07	0.33	1.02	
13,640.00	90.86	269.86	8,935.02	134.28	-5,163.07	5,164.82	1.23	-0.14	-1.23	
13,734.00	90.59	269.42	8,933.83	133.69	-5,257.06	5,258.76	0.55	-0.29	-0.47	
13,828.00	90.33	268.37	8,933.07	131.88	-5,351.04	5,352.66	1.15	-0.28	-1.12	
13,922.00	90.11	267.93	8,932.71	128.84	-5,444.99	5,446.51	0.52	-0.23	-0.47	
13,973.00	90.11	267.22	8,932.61	126.68	-5,495.95	5,497.39	1.39	0.00	-1.39	
Last Scout MWD Survey @ 13973.00' MD										
14,040.00	90.11	267.22	8,932.49	123.43	-5,562.87	5,564.20	0.00	0.00	0.00	
Projection to Bit @ 14040.00' MD										



Company:	XTO Energy	Local Co-ordinate Reference:	Well BEU DI4 266H
Project:	Eddy County, NM	TVD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Site:	Big Eddy Unit DI4	MD Reference:	GL 3467' + 25' KB @ 3492.00usft (Cactus 118)
Well:	BEU DI4 266H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.14 Single User Db

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,107.00	8,102.76	5.37	-158.87	First Scout MWD Survey @ 8107.00' MD
13,973.00	8,932.61	126.68	-5,495.95	Last Scout MWD Survey @ 13973.00' MD
14,040.00	8,932.49	123.43	-5,562.87	Projection to Bit @ 14040.00' 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 BIG EDDY UNIT DI 4	⁶ Well Number 266H
⁷ OGRID No. 260737	⁸ Operator Name BOPCO, L.P.	⁹ Elevation 3,467'

¹⁰ Surface Location

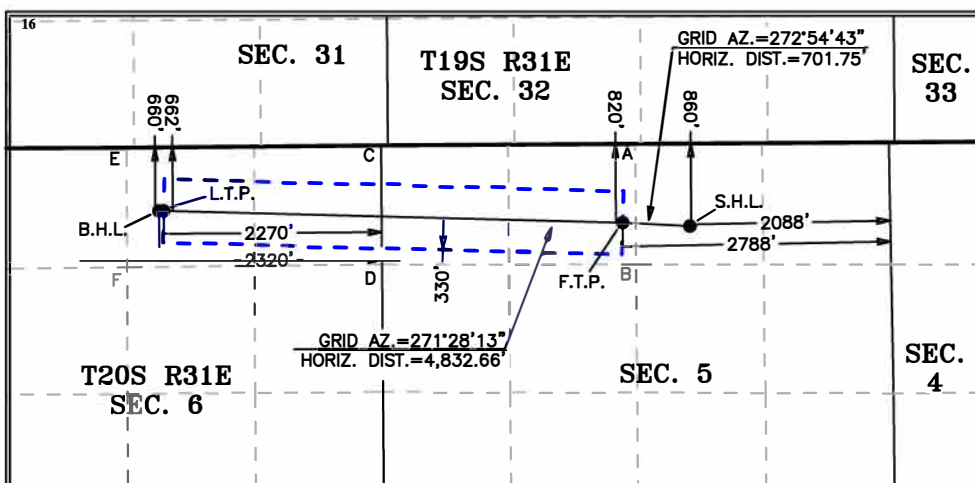
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	5	20 S	31 E		860	NORTH	2,088	EAST	EDDY

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
2	6	20 S	31 E		660	NORTH	2,320	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.



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.

2-25-2019

Date of Survey

Signature and Seal of
Professional Surveyor:

PRELIMINARY, THIS DOCUMENT SHALL NOT BE RECORDED FOR ANY PURPOSE AND SHALL NOT BE USED OR VIEWED OR RELIED UPON AS A FINAL SURVEY DOCUMENT

MARK DILLON HARP 23786
Certificate Number

AI

2019020577

CORNER COORDINATES TABLE

NAD 83 NME

A - Y= 585,790.6 N, X= 677,387.8 E
B - Y= 584,537.4 N, X= 677,398.7 E
C - Y= 585,774.6 N, X= 674,742.5 E
D - Y= 584,536.5 N, X= 674,751.9 E
E - Y= 585,750.8 N, X= 672,092.6 E
F - Y= 584,504.3 N, X= 672,097.4 E

CORNER COORDINATES TABLE

NAD 27 NME

A - Y= 585,728.7 N, X= 636,208.5 E
B - Y= 584,475.5 N, X= 636,219.4 E
C - Y= 585,712.7 N, X= 633,563.2 E
D - Y= 584,474.6 N, X= 633,572.6 E
E - Y= 585,688.9 N, X= 630,913.3 E
F - Y= 584,442.4 N, X= 630,918.1 E

GEODETIC COORDINATES

NAD 83 NME
SURFACE LOCATION
Y= 584,934.1
X= 677,959.5
LAT.= 32.607252°N
LONG.= 103.889653°W

LAST TAKE POINT

NAD 83 NME
Y= 585,092.5
X= 672,477.6
LAT.= 32.607749°N
LONG.= 103.907453°W

GEODETIC COORDINATES

NAD 27 NME
SURFACE LOCATION
Y= 584,872.2
X= 636,780.2
LAT.= 32.607133°N
LONG.= 103.889149°W

LAST TAKE POINT

NAD 27 NME
Y= 585,030.6
X= 631,298.3
LAT.= 32.607630°N
LONG.= 103.906949°W

FIRST TAKE POINT

NAD 83 NME
Y= 584,969.8
X= 677,258.7
LAT.= 32.607358°N
LONG.= 103.891928°W

BOTTOM HOLE LOCATION

NAD 83 NME
Y= 585,093.8
X= 672,427.6
LAT.= 32.607753°N
LONG.= 103.907615°W

FIRST TAKE POINT

NAD 27 NME
Y= 584,907.9
X= 636,079.4
LAT.= 32.607239°N
LONG.= 103.891425°W

BOTTOM HOLE LOCATION

NAD 27 NME
Y= 585,031.9
X= 631,248.3
LAT.= 32.607634°N
LONG.= 103.907111°W