

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



11/24/2020

Operator Notice Regarding

C-104 Denial and Request for Information

30-015-45428 CORRAL CANYON 3 34 FEDERAL #128H [322863]

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, **New Well** and Recompleted Well

Please review/amend the attachment(s)

- ☐ 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
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
- ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☒ C-103 Completion Sundry (or BLM equivalent) **<http://www.emnrd.state.nm.us/OCD/documents/NoticeforExtensionsofCompletionReports9-29-20.pdf>*
- ☒ C-105 Completion Report (or BLM equivalent) **3160-4 has conflicting data from approved well files online. Re-submit a RECORD CLEAN-UP in order to revise the form and seek approval from BLM.*
- ☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

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

Once Complete, re-submit through e docs asap. Thank you.

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

REC'D 09/11/2020 NMOCD

Form C-104
Revised August 1, 2011

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 4601 Holiday Hill Rd bldg #5		² OGRID Number 005380
		³ Reason for Filing Code/ Effective Date
⁴ API Number 30 - 015-45428	⁵ Pool Name Purple Sage - Wolfcamp (Gas)	⁶ Pool Code 98220
⁷ Property Code 314121	⁸ Property Name Corral Canyon Federal	⁹ Well Number 128H

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
A	10	25S	29E		185	North	855	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
1	3	25S	29E		203	North	349	East	Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
034053	Plains Marketing, LP PO BOx 4648 Houston, TX 77210	O
248440	Western Refining Company, LP 6500 Trowbridge Drive El Paso, TX 79905	O
372422	Luic Energy Delaware, LLC 3100 Mckinnon Suite 800 Artesia, NM 88210	G

IV. Well Completion Data

²¹ Spud Date 12/08/2018	²² Ready Date 06/15/2020	²³ TD 15535/10454	²⁴ PBTD 15533/10454	²⁵ Perforations 9353' - 19556'	²⁶ DHC, MC N/A
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375" 54.5# J55	645'	1145 sx (circ) TOC 0'		
12.25"	9.625" 40# L80	9120'	3326 sx (circ) TOC 0'		
8.5"	5.5" 17# P-110	15535'	1970 sx (Circ) TOC 0'		
	2.875" 6.5# L80	8225'			

V. Well Test Data

³¹ Date New Oil 07/24/2020	³² Gas Delivery Date 07/24/2020	³³ Test Date 07/27/2020	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure 574	³⁶ Csg. Pressure 270
³⁷ Choke Size	³⁸ Oil 1595	³⁹ Water 2469	⁴⁰ Gas 3939		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have

OIL CONSERVATION DIVISION

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 30-015-45428	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp
⁴ Property Code 322863	⁵ Property Name CORRAL CANYON 3-34 FED	⁶ Well Number 128H
⁷ OGRID No. 005380	⁸ Operator Name XTO ENERGY, INC.	⁹ Elevation 3,035'

¹⁰ Surface Location

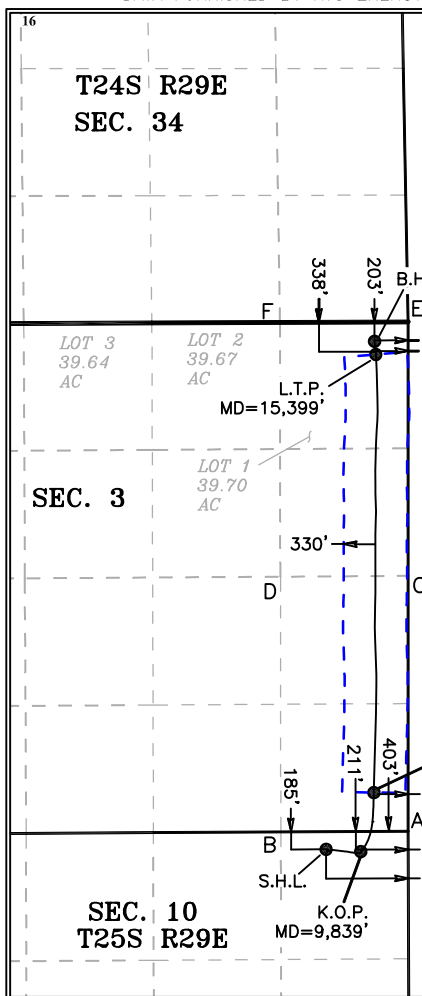

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	25 S	29 E		185	NORTH	855	EAST	EDDY

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
1	3	25 S	29 E		203	NORTH	349	EAST	EDDY

¹² Dedicated Acres 319.4	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 FROM DATA FURNISHED BY XTO ENERGY

	16 T24S R29E SEC. 34 LOT 3 39.64 AC LOT 2 39.67 AC LOT 1 39.70 AC SEC. 3 330' 338' 203' B.H.L. 349' 336' L.T.P. MD=15,399' 330' D C 330' 211' 403' 356' 494' 855' S.H.L. K.O.P. MD=9,839'	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 419,027.6 X= 654,863.8 LAT.= 32.151454°N LONG.= 103.966502°W FIRST TAKE POINT NAD 83 NME Y= 419,618.6 X= 655,361.3 LAT.= 32.153074°N LONG.= 103.964888°W KICK OFF POINT NAD 83 NME Y= 419,004.3 X= 655,224.8 LAT.= 32.151386°N LONG.= 103.965336°W KICK OFF POINT NAD 27 NME Y= 418,945.8 X= 614,040.5 LAT.= 32.151262°N LONG.= 103.964849°W LAST TAKE POINT NAD 83 NME Y= 424,177.3 X= 655,380.6 LAT.= 32.165605°N LONG.= 103.964775°W BOTTOM HOLE LOCATION NAD 83 NME Y= 424,312.7 X= 655,368.0 LAT.= 32.165977°N LONG.= 103.964814°W	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 418,969.1 X= 613,679.5 LAT.= 32.151330°N LONG.= 103.966015°W FIRST TAKE POINT NAD 27 NME Y= 419,560.1 X= 614,177.1 LAT.= 32.152950°N LONG.= 103.964401°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 419,159.1 N, X= 614,533.5 E B - Y= 419,151.6 N, X= 613,208.3 E C - Y= 421,814.9 N, X= 614,533.4 E D - Y= 421,806.5 N, X= 613,204.3 E E - Y= 424,458.2 N, X= 614,532.5 E F - Y= 424,452.8 N, X= 613,199.9 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 419,217.6 N, X= 655,717.8 E B - Y= 419,210.1 N, X= 654,392.5 E C - Y= 421,873.4 N, X= 655,717.6 E D - Y= 421,865.0 N, X= 654,388.5 E E - Y= 424,516.8 N, X= 655,716.6 E F - Y= 424,511.4 N, X= 654,384.0 E LAST TAKE POINT NAD 27 NME Y= 424,118.7 X= 614,196.5 LAT.= 32.165481°N LONG.= 103.964288°W BOTTOM HOLE LOCATION NAD 27 NME Y= 424,254.1 X= 614,183.9 LAT.= 32.165853°N LONG.= 103.964327°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> 08/31/2020 Signature Date Cassie Evans Printed Name cassie_evans@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. 8-25-2020 Date of Survey Signature and Seal of Professional Surveyor:  MARK DILLON HARP 23786 Certificate Number JC 2017091545
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Intent ☐ As Drilled ☒

API #
30-015-45428

Operator Name: XTO Energy, Incorporated	Property Name: Corral Canyon 15-10 Fed	Well Number 128H
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Kick Off Point (KOP)

UL A	Section 10	Township 25S	Range 29E	Lot	Feet 315	From N/S North	Feet 330	From E/W East	County Eddy
Latitude 32.151100					Longitude -103.964806			NAD 83	

First Take Point (FTP)

UL P	Section 3	Township 25S	Range 29E	Lot	Feet 403	From N/S South	Feet 356	From E/W East	County Eddy
Latitude 32.153074					Longitude -103.964888			NAD 83	

Last Take Point (LTP)

UL	Section 3	Township 25S	Range 29E	Lot 1	Feet 338	From N/S North	Feet 336	From E/W East	County Eddy
Latitude 32.165605					Longitude -103.964775			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
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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 January 11, 2019 through January 15, 2019 conduct or supervise the taking of MWD Directional Survey from a depth of 0 feet to a depth of 3,057 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: Corral Canyon Fed 12H 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.


(Sign Name)

Jeremy Esqueda
MWD Manager
Digitally Signed by Jeremy Esqueda

WELLBENDERS DIRECTIONAL SERVICES

SURVEY REPORT

ADD
NEW
SURVEY

Customer: XTO
Lease / Well: Corral Canyon FED 12H
Field / Block: Nad-27/East Zone

Rig Name & #: Frontier 27
Directional Co: WELLBENDERS
Targ Meas Depth: 0

Targ True Vert. Depth: 0
Magnetic Declination: 6.77
Target Vertical Section: 0.00

Enter your Tie-In information on the coversheet!

v1.3

DATE	NO.	DEPTH	INC	AZM	CL	TVD	VS	+N / -S	+E / -W	DLS	B / D	WALK	SOURCE
	Tie	0	0.00	0.00	0	0	0.00	0.00 N	0.00 E	0.00	0.00	0.00	Tie IN
	1	146	1.20	207.90	146	145.99	-1.35	1.35 S	0.72 W	0.82	0.82	104.18	WellBenders
	2	231	1.20	222.00	85	230.97	-2.80	2.80 S	1.73 W	0.35	0.00	16.59	WellBenders
	3	327	1.00	237.40	96	326.95	-4.00	4.00 S	3.11 W	0.37	-0.21	16.04	WellBenders
	4	414	1.40	236.10	87	413.93	-5.00	5.00 S	4.63 W	0.46	0.46	-1.49	WellBenders
	5	508	1.50	230.00	94	507.90	-6.43	6.43 S	6.52 W	0.20	0.11	-6.49	WellBenders
	6	593	0.80	252.20	85	592.89	-7.33	7.33 S	7.94 W	0.96	-0.82	26.12	WellBenders
	7	656	0.70	315.00	63	655.88	-7.19	7.19 S	8.63 W	1.25	-0.16	99.68	WellBenders
	8	752	1.60	306.20	96	751.86	-5.98	5.98 S	10.13 W	0.95	0.94	-9.17	WellBenders
	9	823	1.70	305.30	71	822.83	-4.79	4.79 S	11.79 W	0.15	0.14	-1.27	WellBenders
	10	911	1.90	298.90	88	910.79	-3.33	3.33 S	14.13 W	0.32	0.23	-7.27	WellBenders
	11	1006	1.80	301.10	95	1005.74	-1.80	1.80 S	16.79 W	0.13	-0.11	2.32	WellBenders
	12	1100	2.00	298.60	94	1099.69	-0.25	0.25 S	19.49 W	0.23	0.21	-2.66	WellBenders
	13	1196	2.10	292.00	96	1195.63	1.21	1.21 N	22.59 W	0.27	0.10	-6.88	WellBenders
	14	1292	2.50	293.90	96	1291.55	2.72	2.72 N	26.14 W	0.42	0.42	1.98	WellBenders
	15	1387	2.70	288.90	95	1386.45	4.28	4.28 N	30.15 W	0.32	0.21	-5.26	WellBenders
	16	1482	3.0	319.6	95	1481.34	6.90	6.90 N	33.88 W	1.62	0.32	32.32	WellBenders
	17	1578	2.6	354.4	96	1577.23	10.98	10.98 N	35.72 W	1.79	-0.42	36.25	WellBenders
	18	1675	2.3	344.5	97	1674.14	15.05	15.05 N	36.45 W	0.53	-0.31	-10.21	WellBenders
	19	1770	2.6	11.1	95	1769.06	19.00	19.00 N	36.55 W	1.23	0.32	-28.00	WellBenders
	20	1866	2.5	9.1	96	1864.96	23.20	23.20 N	35.80 W	0.14	-0.10	-2.08	WellBenders
	21	1962	2.4	10.3	96	1960.88	27.25	27.25 N	35.11 W	0.12	-0.10	1.25	WellBenders
	22	2056	2.5	19.9	94	2054.79	31.11	31.11 N	34.06 W	0.45	0.11	10.21	WellBenders
	23	2152	3.4	32.0	96	2150.66	35.49	35.49 N	31.83 W	1.14	0.94	12.60	WellBenders
	24	2247	2.6	26.3	95	2245.53	39.81	39.81 N	29.39 W	0.90	-0.84	-6.00	WellBenders
	25	2343	2.1	350.2	96	2341.46	43.50	43.50 N	28.72 W	1.60	-0.52	37.60	WellBenders
	26	2439	2.1	8.7	96	2437.39	46.97	46.97 N	28.75 W	0.70	0.00	-19.27	WellBenders
	27	2534	1.7	16.2	95	2532.34	50.05	50.05 N	28.10 W	0.49	-0.42	7.89	WellBenders
	28	2629	1.6	339.7	95	2627.30	52.64	52.64 N	28.17 W	1.09	-0.11	38.42	WellBenders
	29	2724	1.4	341.3	95	2722.27	54.99	54.99 N	29.00 W	0.22	-0.21	1.68	WellBenders
	30	2819	0.8	2.8	95	2817.25	56.75	56.75 N	29.34 W	0.76	-0.63	-22.63	WellBenders
	31	2914	0.7	4.6	95	2912.25	57.99	57.99 N	29.26 W	0.11	-0.11	1.89	WellBenders
	32	3010	1.2	62.1	96	3008.23	59.04	59.04 N	28.32 W	1.06	0.52	59.90	WellBenders
	33	3057	1.2	57.1	47	3055.22	59.54	59.54 N	27.47 W	0.22	0.00	-10.64	WellBenders



XTO ENERGY, INC.

Eddy County, NM

Sec 10, T25S, R29E

Corral Canyon 10-15 Federal #12H

Wellbore #1

Design: Wellbore #1

QES Survey Certification Report

31 January, 2019



Quintana Energy Services

11390 FM 830
Willis, TX 77318
Phone: (936) 856-4332
Fax: (936) 856-8678



Survey Certification Sheet

Company	Job Number	Date
XTO Energy, Inc.	WT-190079	2/6/2019

Lease	Well Name	County & State
SEC 10, T25S, R29E	Corral Canyon 10-15 Federal #12H	Eddy County, NM

API No.	Survey Depth Range	Survey Type
30-015-45429	3057 feet to 19692 feet MD	MWD

Sidetrack Information	Directional Supervisor/Surveyor
	Bill Kitchens

Certification Statement

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Quintana Energy Services (QES). This report represents a true and correct directional survey of this well based on the original data obtained at the well site. Wellbore coordinates are calculated using minimum curvature.

Christopher Hughes
MWD Compliance Manager

Quintana Energy Services

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 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	Sec 10, T25S, R29E		
Site Position:		Northing:	418,642.60 usft
From:	Map	Easting:	611,643.50 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16"
		Latitude:	32° 9' 1.624 N
		Longitude:	103° 58' 21.351 W
		Grid Convergence:	0.19 °

Well	Corral Canyon 10-15 Federal #12H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 9' 3.512 N
		Longitude:	103° 57' 51.549 W
		Ground Level:	3,028.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/15/2019	6.96	59.91	47,693.76642126

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	179.79

Survey Program	Date	1/31/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
146.0	3,057.0	Wellbender Surveys (Wellbore #1)	GYRO-NS	Gyrocompass Gyro
3,057.0	19,692.0	QES MWD Surveys (Wellbore #1)	MWD	OWSG MWD - Standard

Survey							
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
3,057.0	1.20	57.10	3,055.2	59.5	-27.5	65.6	335.23
Tie In @ 3057.0' MD / 3055.2' TVD							
3,156.0	1.10	64.20	3,154.2	60.5	-25.7	65.8	336.95
3,250.0	2.50	359.90	3,248.2	63.0	-24.9	67.7	338.39
3,345.0	3.90	342.30	3,343.0	68.1	-25.9	72.9	339.16
3,440.0	4.10	342.20	3,437.8	74.4	-27.9	79.5	339.42
3,535.0	6.30	338.80	3,532.4	82.5	-30.9	88.1	339.49
3,629.0	7.20	335.10	3,625.7	92.7	-35.2	99.1	339.19
3,725.0	7.70	329.30	3,720.9	103.7	-41.0	111.5	338.40
3,817.0	7.90	328.80	3,812.1	114.4	-47.5	123.8	337.46
3,912.0	7.80	341.80	3,906.2	126.1	-52.8	136.7	337.26

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
4,007.0	8.70	343.40	4,000.2	139.1	-56.9	150.3	337.74	
4,102.0	8.50	341.60	4,094.1	152.6	-61.2	164.4	338.16	
4,197.0	9.90	337.90	4,187.9	166.9	-66.5	179.6	338.28	
4,291.0	10.60	337.20	4,280.4	182.3	-72.9	196.3	338.22	
4,387.0	10.60	337.90	4,374.8	198.6	-79.6	214.0	338.16	
4,480.0	10.60	338.10	4,466.2	214.5	-86.0	231.1	338.15	
4,576.0	10.80	339.00	4,560.5	231.1	-92.5	248.9	338.18	
4,672.0	10.40	338.30	4,654.9	247.5	-99.0	266.6	338.21	
4,768.0	8.70	332.80	4,749.6	262.0	-105.5	282.5	338.07	
4,862.0	8.40	331.40	4,842.5	274.4	-112.0	296.4	337.79	
4,958.0	8.00	333.50	4,937.5	286.5	-118.4	310.0	337.56	
5,052.0	7.90	334.90	5,030.6	298.2	-124.0	323.0	337.42	
5,147.0	7.60	335.60	5,124.8	309.9	-129.4	335.8	337.34	
5,241.0	8.20	334.40	5,217.9	321.6	-134.8	348.7	337.25	
5,337.0	10.00	335.80	5,312.6	335.4	-141.2	363.9	337.16	
5,432.0	9.80	336.30	5,406.2	350.3	-147.9	380.2	337.12	
5,527.0	9.10	335.50	5,499.9	364.5	-154.2	395.8	337.07	
5,622.0	8.20	336.30	5,593.9	377.6	-160.1	410.1	337.03	
5,717.0	9.10	333.50	5,687.8	390.5	-166.1	424.4	336.95	
5,812.0	8.40	332.10	5,781.7	403.3	-172.7	438.8	336.82	
5,907.0	8.10	334.40	5,875.7	415.5	-178.9	452.4	336.71	
6,003.0	7.90	336.00	5,970.8	427.6	-184.5	465.7	336.67	
6,097.0	8.80	337.20	6,063.8	440.2	-189.9	479.4	336.66	
6,193.0	11.60	339.30	6,158.2	456.0	-196.1	496.4	336.72	
6,288.0	11.20	339.30	6,251.4	473.5	-202.8	515.1	336.82	
6,383.0	10.30	339.20	6,344.7	490.1	-209.1	532.8	336.90	
6,478.0	9.20	339.30	6,438.3	505.1	-214.8	548.9	336.97	
6,573.0	8.30	338.10	6,532.2	518.6	-220.0	563.3	337.01	
6,666.0	9.40	334.80	6,624.1	531.7	-225.7	577.6	337.00	
6,762.0	9.70	332.00	6,718.8	545.9	-232.9	593.5	336.90	
6,857.0	8.90	329.70	6,812.5	559.4	-240.3	608.8	336.75	
6,952.0	8.80	333.20	6,906.4	572.2	-247.3	623.4	336.62	
7,047.0	9.80	328.80	7,000.1	585.6	-254.8	638.6	336.49	
7,143.0	8.80	323.70	7,094.9	598.5	-263.4	653.9	336.25	
7,237.0	7.60	329.30	7,187.9	609.6	-270.8	667.1	336.05	
7,333.0	7.10	336.00	7,283.1	620.5	-276.5	679.3	335.99	
7,429.0	9.50	343.20	7,378.1	633.5	-281.2	693.1	336.07	
7,524.0	8.40	340.90	7,472.0	647.6	-285.7	707.8	336.19	
7,620.0	7.40	335.60	7,567.1	659.8	-290.5	721.0	336.24	
7,716.0	9.80	335.30	7,662.0	672.9	-296.5	735.3	336.22	
7,810.0	12.80	334.60	7,754.1	689.6	-304.3	753.7	336.19	
7,906.0	11.20	334.80	7,848.0	707.6	-312.9	773.7	336.15	
8,001.0	8.40	341.30	7,941.6	722.5	-319.0	789.8	336.18	
8,097.0	6.70	351.10	8,036.8	734.7	-322.1	802.2	336.33	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
8,166.0	5.80	349.20	8,105.4	742.1	-323.4	809.5	336.45	
8,213.0	7.00	338.10	8,152.1	747.1	-324.9	814.7	336.50	
8,260.0	6.40	311.70	8,198.8	751.5	-327.9	820.0	336.42	
8,308.0	5.90	275.50	8,246.5	753.5	-332.4	823.6	336.20	
8,355.0	5.10	226.30	8,293.3	752.3	-336.3	824.1	335.91	
8,403.0	9.20	193.40	8,341.0	747.1	-338.7	820.3	335.61	
8,450.0	14.40	188.20	8,387.0	737.7	-340.5	812.4	335.23	
8,498.0	18.70	191.20	8,433.0	724.2	-342.8	801.2	334.67	
8,545.0	22.20	193.10	8,477.0	708.2	-346.3	788.3	333.94	
8,594.0	24.60	191.00	8,522.0	689.1	-350.3	773.1	333.05	
8,641.0	30.80	185.00	8,563.6	667.5	-353.2	755.2	332.11	
8,689.0	36.50	182.20	8,603.5	641.0	-354.9	732.7	331.03	
8,736.0	41.60	180.80	8,640.0	611.4	-355.6	707.3	329.82	
8,785.0	46.60	180.30	8,675.2	577.3	-355.9	678.2	328.34	
8,832.0	50.60	178.80	8,706.3	542.1	-355.6	648.3	326.73	
8,880.0	54.50	178.70	8,735.4	504.0	-354.8	616.3	324.85	
8,927.0	57.40	178.80	8,761.8	465.0	-354.0	584.4	322.72	
8,975.0	60.80	178.80	8,786.4	423.9	-353.1	551.7	320.20	
9,022.0	63.60	178.30	8,808.3	382.3	-352.0	519.7	317.36	
9,070.0	66.20	177.40	8,828.7	338.9	-350.4	487.5	314.04	
9,117.0	69.70	176.20	8,846.3	295.4	-348.0	456.4	310.33	
9,166.0	74.40	177.40	8,861.4	248.9	-345.4	425.7	305.77	
9,217.0	77.90	179.90	8,873.6	199.4	-344.2	397.8	300.08	
9,261.0	79.80	182.00	8,882.1	156.2	-344.9	378.7	294.36	
9,308.0	82.30	183.90	8,889.5	109.9	-347.3	364.3	287.55	
9,356.0	86.70	184.30	8,894.1	62.2	-350.7	356.2	280.06	
9,403.0	90.70	181.50	8,895.1	15.3	-353.1	353.5	272.48	
9,452.0	91.50	179.70	8,894.2	-33.7	-353.6	355.2	264.56	
9,547.0	94.20	179.20	8,889.5	-128.6	-352.7	375.4	249.97	
9,642.0	91.90	178.70	8,884.4	-223.4	-351.0	416.1	237.52	
9,738.0	89.90	179.70	8,882.9	-319.4	-349.6	473.6	227.59	
9,834.0	89.00	179.60	8,883.8	-415.4	-349.1	542.6	220.04	
9,929.0	89.00	179.60	8,885.5	-510.4	-348.4	617.9	214.32	
10,023.0	89.90	178.70	8,886.4	-604.3	-347.0	696.9	209.86	
10,117.0	91.80	178.10	8,885.0	-698.3	-344.4	778.6	206.25	
10,212.0	90.90	178.80	8,882.7	-793.2	-341.8	863.7	203.31	
10,305.0	88.00	178.30	8,883.6	-886.2	-339.5	949.0	200.96	
10,400.0	88.90	178.00	8,886.2	-981.1	-336.4	1,037.2	198.93	
10,494.0	92.20	179.00	8,885.3	-1,075.0	-333.9	1,125.7	197.26	
10,590.0	89.80	179.40	8,883.6	-1,171.0	-332.6	1,217.3	195.86	
10,685.0	91.20	178.70	8,882.8	-1,266.0	-331.0	1,308.6	194.65	
10,781.0	90.10	180.60	8,881.7	-1,362.0	-330.4	1,401.5	193.64	
10,876.0	89.20	182.50	8,882.3	-1,456.9	-333.0	1,494.5	192.87	
10,972.0	90.60	182.40	8,882.5	-1,552.8	-337.1	1,589.0	192.25	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
11,067.0	90.20	181.80	8,881.8	-1,647.8	-340.6	1,682.6	191.68	
11,163.0	91.90	181.70	8,880.0	-1,743.7	-343.5	1,777.2	191.14	
11,259.0	90.50	180.80	8,878.0	-1,839.7	-345.6	1,871.8	190.64	
11,355.0	88.90	178.80	8,878.5	-1,935.7	-345.3	1,966.2	190.11	
11,448.0	90.40	178.10	8,879.1	-2,028.6	-342.8	2,057.4	189.59	
11,544.0	92.50	178.30	8,876.7	-2,124.5	-339.7	2,151.5	189.09	
11,639.0	91.00	179.60	8,873.8	-2,219.5	-338.0	2,245.1	188.66	
11,735.0	87.50	181.10	8,875.0	-2,315.4	-338.6	2,340.1	188.32	
11,831.0	89.00	180.40	8,878.0	-2,411.4	-339.8	2,435.2	188.02	
11,927.0	87.70	181.10	8,880.7	-2,507.3	-341.1	2,530.4	187.75	
12,021.0	88.60	181.00	8,883.7	-2,601.3	-342.8	2,623.8	187.51	
12,116.0	91.50	181.30	8,883.7	-2,696.2	-344.7	2,718.2	187.29	
12,211.0	88.50	180.40	8,883.7	-2,791.2	-346.1	2,812.6	187.07	
12,306.0	89.50	179.90	8,885.3	-2,886.2	-346.4	2,906.9	186.84	
12,402.0	90.70	178.80	8,885.2	-2,982.2	-345.3	3,002.1	186.60	
12,495.0	89.10	178.70	8,885.3	-3,075.2	-343.3	3,094.3	186.37	
12,590.0	90.10	178.10	8,886.0	-3,170.1	-340.6	3,188.4	186.13	
12,685.0	92.30	178.30	8,884.0	-3,265.1	-337.6	3,282.5	185.90	
12,780.0	90.40	178.30	8,881.8	-3,360.0	-334.8	3,376.6	185.69	
12,876.0	88.00	179.70	8,883.1	-3,455.9	-333.1	3,472.0	185.51	
12,971.0	89.30	179.60	8,885.3	-3,550.9	-332.6	3,566.5	185.35	
13,067.0	91.20	179.20	8,884.9	-3,646.9	-331.6	3,661.9	185.19	
13,162.0	88.40	177.40	8,885.2	-3,741.8	-328.7	3,756.3	185.02	
13,258.0	89.50	179.00	8,887.0	-3,837.8	-325.7	3,851.6	184.85	
13,353.0	90.00	176.90	8,887.4	-3,932.7	-322.3	3,945.9	184.69	
13,449.0	91.30	176.20	8,886.3	-4,028.5	-316.5	4,040.9	184.49	
13,545.0	89.50	176.20	8,885.7	-4,124.3	-310.2	4,136.0	184.30	
13,639.0	92.50	176.60	8,884.0	-4,218.1	-304.3	4,229.1	184.13	
13,734.0	88.50	178.00	8,883.2	-4,313.0	-299.8	4,323.4	183.98	
13,829.0	89.30	177.80	8,885.0	-4,407.9	-296.3	4,417.8	183.85	
13,924.0	91.50	179.20	8,884.4	-4,502.8	-293.8	4,512.4	183.73	
14,020.0	89.30	179.20	8,883.7	-4,598.8	-292.5	4,608.1	183.64	
14,113.0	90.80	179.60	8,883.6	-4,691.8	-291.5	4,700.9	183.56	
14,209.0	87.90	178.00	8,884.7	-4,787.8	-289.5	4,796.5	183.46	
14,302.0	90.70	181.10	8,885.8	-4,880.8	-288.8	4,889.3	183.39	
14,398.0	91.80	180.60	8,883.7	-4,976.7	-290.2	4,985.2	183.34	
14,492.0	89.40	181.00	8,882.7	-5,070.7	-291.5	5,079.1	183.29	
14,588.0	92.00	182.40	8,881.6	-5,166.6	-294.4	5,175.0	183.26	
14,683.0	90.30	182.50	8,879.7	-5,261.5	-298.4	5,270.0	183.25	
14,779.0	91.50	182.20	8,878.2	-5,357.4	-302.4	5,366.0	183.23	
14,874.0	88.40	181.00	8,878.2	-5,452.4	-305.0	5,460.9	183.20	
14,969.0	89.60	181.50	8,879.9	-5,547.3	-307.1	5,555.8	183.17	
15,064.0	90.00	181.30	8,880.2	-5,642.3	-309.4	5,650.8	183.14	
15,159.0	90.70	181.30	8,879.7	-5,737.3	-311.6	5,745.7	183.11	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
15,255.0	89.30	180.80	8,879.7	-5,833.3	-313.3	5,841.7	183.07	
15,350.0	89.50	181.00	8,880.6	-5,928.2	-314.8	5,936.6	183.04	
15,447.0	89.60	179.60	8,881.4	-6,025.2	-315.3	6,033.5	183.00	
15,542.0	90.00	178.50	8,881.7	-6,120.2	-313.8	6,128.3	182.93	
15,637.0	90.00	176.90	8,881.7	-6,215.1	-309.9	6,222.9	182.85	
15,733.0	89.80	175.00	8,881.9	-6,310.9	-303.2	6,318.2	182.75	
15,828.0	89.30	175.90	8,882.7	-6,405.6	-295.6	6,412.4	182.64	
15,922.0	89.20	177.80	8,883.9	-6,499.4	-290.5	6,505.9	182.56	
16,018.0	87.90	179.20	8,886.3	-6,595.4	-288.0	6,601.7	182.50	
16,113.0	88.20	178.70	8,889.5	-6,690.3	-286.2	6,696.4	182.45	
16,208.0	90.30	180.10	8,890.8	-6,785.3	-285.2	6,791.3	182.41	
16,304.0	89.80	178.50	8,890.7	-6,881.3	-284.0	6,887.1	182.36	
16,399.0	89.20	176.60	8,891.5	-6,976.2	-280.0	6,981.8	182.30	
16,494.0	89.10	179.40	8,892.9	-7,071.1	-276.7	7,076.5	182.24	
16,589.0	91.40	181.30	8,892.5	-7,166.1	-277.2	7,171.4	182.22	
16,684.0	91.80	180.60	8,889.9	-7,261.0	-278.8	7,266.4	182.20	
16,779.0	93.10	180.40	8,885.8	-7,355.9	-279.7	7,361.3	182.18	
16,875.0	90.20	179.00	8,883.1	-7,451.9	-279.1	7,457.1	182.15	
16,970.0	89.70	181.30	8,883.1	-7,546.9	-279.4	7,552.1	182.12	
17,066.0	88.20	180.60	8,884.9	-7,642.9	-281.0	7,648.0	182.11	
17,162.0	88.50	178.50	8,887.7	-7,738.8	-280.2	7,743.9	182.07	
17,257.0	89.40	180.40	8,889.4	-7,833.8	-279.3	7,838.8	182.04	
17,353.0	91.30	182.90	8,888.8	-7,929.7	-282.1	7,934.7	182.04	
17,448.0	93.10	181.30	8,885.2	-8,024.6	-285.6	8,029.7	182.04	
17,571.0	87.60	181.00	8,884.4	-8,147.5	-288.0	8,152.6	182.02	
17,666.0	89.00	180.60	8,887.2	-8,242.5	-289.4	8,247.5	182.01	
17,762.0	91.00	180.60	8,887.2	-8,338.4	-290.4	8,343.5	181.99	
17,857.0	91.50	180.60	8,885.2	-8,433.4	-291.4	8,438.4	181.98	
17,952.0	88.50	179.40	8,885.2	-8,528.4	-291.4	8,533.4	181.96	
18,046.0	90.20	179.40	8,886.2	-8,622.4	-290.4	8,627.3	181.93	
18,141.0	92.20	179.00	8,884.2	-8,717.4	-289.0	8,722.1	181.90	
18,236.0	90.80	176.20	8,881.8	-8,812.2	-285.1	8,816.8	181.85	
18,332.0	91.40	175.20	8,879.9	-8,907.9	-277.9	8,912.3	181.79	
18,427.0	89.70	175.90	8,879.0	-9,002.6	-270.5	9,006.7	181.72	
18,522.0	86.80	176.40	8,881.9	-9,097.4	-264.1	9,101.2	181.66	
18,617.0	87.30	181.00	8,886.8	-9,192.2	-262.0	9,195.9	181.63	
18,711.0	87.00	180.80	8,891.5	-9,286.1	-263.5	9,289.8	181.63	
18,808.0	92.90	182.00	8,891.5	-9,383.0	-265.8	9,386.8	181.62	
18,901.0	92.80	181.30	8,886.9	-9,475.8	-268.5	9,479.6	181.62	
18,996.0	90.90	181.70	8,883.9	-9,570.8	-271.0	9,574.6	181.62	
19,091.0	92.50	181.50	8,881.0	-9,665.7	-273.6	9,669.5	181.62	
19,186.0	89.70	181.00	8,879.2	-9,760.6	-275.7	9,764.5	181.62	
19,281.0	90.80	180.80	8,878.8	-9,855.6	-277.2	9,859.5	181.61	
19,376.0	89.70	180.60	8,878.4	-9,950.6	-278.4	9,954.5	181.60	
19,470.0	88.90	179.90	8,879.5	-10,044.6	-278.8	10,048.5	181.59	

Company:	XTO ENERGY, INC.	Local Co-ordinate Reference:	Well Corral Canyon 10-15 Federal #12H
Project:	Eddy County, NM	TVD Reference:	RKB @ 3055.0usft (Frontier #27)
Site:	Sec 10, T25S, R29E	MD Reference:	RKB @ 3055.0usft (Frontier #27)
Well:	Corral Canyon 10-15 Federal #12H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.1 Single User Db

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
19,566.0	90.80	180.30	8,879.8	-10,140.6	-278.9	10,144.4	181.58	
19,643.0	92.00	180.10	8,877.9	-10,217.6	-279.2	10,221.4	181.57	
19,692.0	92.00	180.10	8,876.2	-10,266.5	-279.3	10,270.3	181.56	
TD @ 19692.0' MD / 8876.2' TVD								

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
3,057.0	3,055.2	59.5	-27.5	Tie In @ 3057.0' MD / 3055.2' TVD	
19,692.0	8,876.2	-10,266.5	-279.3	TD @ 19692.0' MD / 8876.2' TVD	

WellBenders Directional Services LLC

Client.....XTO Energy
 Location.....Eddy County NM (Nad-27 /East Zone)
 Site.....Corral Canyon Federal
 Well.....#6H

 Depth reference -----
 Permanent datum.....2947.00
 Permanent datum.....2974.00

 Surface Location -----
 Northing (N/S).....418934.600
 Northing (E/W).....605899.300

MD	Inc	Azimuth	TVD	Subsea	N/S	E/W	VS	DLS	X	Y	Latitude	Longitude	
	0	0	0	0	-2974	0	0	0	0	605899.3	418934.6	32.151305	-103.991155
	175	0.7	307.52	175	-2799	0.65	-0.85	-0.24	0.4	605898.45	418935.25	32.151307	-103.991157
	231	0.88	308.73	230.99	-2743.01	1.13	-1.45	-0.42	0.32	605897.85	418935.73	32.151309	-103.991159
	294	0.88	304.07	293.98	-2680.02	1.7	-2.23	-0.62	0.11	605897.07	418936.3	32.15131	-103.991162
	352	0.79	315.41	351.98	-2622.02	2.24	-2.88	-0.84	0.32	605896.42	418936.84	32.151312	-103.991164
	465	1.01	309.87	464.96	-2509.04	3.43	-4.19	-1.38	0.21	605895.11	418938.03	32.151315	-103.991168
	533	0.79	323.06	532.95	-2441.05	4.19	-4.94	-1.77	0.44	605894.36	418938.79	32.151317	-103.991171
	661	0.88	314.27	660.94	-2313.06	5.58	-6.17	-2.52	0.12	605893.13	418940.18	32.151321	-103.991175
	719	0.88	319.89	718.93	-2255.07	6.23	-6.78	-2.86	0.15	605892.52	418940.83	32.151323	-103.991176
	812	1.01	314.44	811.92	-2162.08	7.35	-7.82	-3.45	0.17	605891.48	418941.95	32.151326	-103.99118
	906	1.1	314.44	905.91	-2068.09	8.56	-9.06	-4.04	0.1	605890.24	418943.16	32.151329	-103.991184
	1001	1.32	308.03	1000.88	-1973.12	9.88	-10.57	-4.61	0.27	605888.73	418944.48	32.151333	-103.991189
	1095	1.71	304.95	1094.85	-1879.15	11.35	-12.57	-5.12	0.42	605886.73	418945.95	32.151337	-103.991195
	1190	1.58	306.09	1189.81	-1784.19	12.93	-14.79	-5.64	0.14	605884.51	418947.53	32.151341	-103.991202
	1284	0.62	322.88	1283.79	-1690.21	14.1	-16.15	-6.14	1.07	605883.15	418948.7	32.151344	-103.991207
	1380	0.7	313.39	1379.79	-1594.21	14.92	-16.89	-6.58	0.14	605882.41	418949.52	32.151347	-103.991209
	1474	0.88	312.95	1473.78	-1500.22	15.8	-17.83	-6.99	0.19	605881.47	418950.4	32.151349	-103.991212
	1570	1.4	260.12	1569.76	-1404.24	16.1	-19.53	-6.56	1.16	605879.77	418950.7	32.15135	-103.991218
	1665	1.7	264.82	1664.73	-1309.27	15.78	-22.07	-5.21	0.34	605877.23	418950.38	32.151349	-103.991226
	1759	2.3	273.02	1758.67	-1215.33	15.75	-25.35	-3.83	0.71	605873.95	418950.35	32.151349	-103.991236
	1854	2	263.52	1853.6	-1120.4	15.66	-28.9	-2.28	0.49	605870.4	418950.26	32.151349	-103.991248
	1949	1.6	227.92	1948.56	-1025.44	14.59	-31.53	-0.21	1.23	605867.77	418949.19	32.151346	-103.991256
	2043	1.7	207.82	2042.52	-931.48	12.48	-33.15	2.38	0.62	605866.15	418947.08	32.15134	-103.991262
	2138	0.8	334.72	2137.51	-836.49	11.83	-34.09	3.36	2.39	605865.21	418946.43	32.151338	-103.991265
	2234	1.3	83.42	2233.5	-740.5	12.56	-33.3	2.37	1.8	605866	418947.16	32.15134	-103.991262
	2329	1.2	68.22	2328.47	-645.53	13.05	-31.3	1.09	0.36	605868	418947.65	32.151342	-103.991256
	2425	2	86.22	2424.44	-549.56	13.54	-28.7	-0.43	0.97	605870.6	418948.14	32.151343	-103.991247
	2519	3.6	90.92	2518.32	-455.68	13.6	-24.11	-2.38	1.72	605875.19	418948.2	32.151343	-103.991232
	2613	3.5	112.22	2612.15	-361.85	12.46	-18.5	-3.68	1.4	605880.8	418947.06	32.15134	-103.991214
	2706	5.1	119.82	2704.88	-269.12	9.33	-12.29	-3.4	1.82	605887.01	418943.93	32.151331	-103.991194
	2801	4.1	116.02	2799.57	-174.43	5.74	-5.57	-2.92	1.1	605893.73	418940.34	32.151321	-103.991173
	2829	3.9	118.02	2827.51	-146.49	4.86	-3.83	-2.83	0.87	605895.47	418939.46	32.151319	-103.991167
	2933	3.1	119.92	2931.31	-42.69	1.79	1.73	-2.35	0.78	605901.03	418936.39	32.15131	-103.991149
	3028	3	120.52	3026.18	52.18	-0.75	6.09	-1.84	0.11	605905.39	418933.85	32.151303	-103.991135
	3124	3	120.92	3122.05	148.05	-3.32	10.41	-1.3	0.02	605909.71	418931.28	32.151296	-103.991121
	3219	2.6	137.22	3216.93	242.93	-6.18	14.01	-0.19	0.93	605913.31	418928.42	32.151288	-103.991109
	3311	2.4	141.82	3308.85	334.85	-9.22	16.62	1.51	0.31	605915.92	418925.38	32.15128	-103.991101
	3406	2.3	155.22	3403.77	429.77	-12.52	18.65	3.66	0.59	605917.95	418922.08	32.151271	-103.991095
	3501	1.8	180.72	3498.71	524.71	-15.74	19.43	6.27	1.08	605918.73	418918.86	32.151262	-103.991092
	3596	1.7	180.22	3593.66	619.66	-18.64	19.4	8.92	0.11	605918.7	418915.96	32.151254	-103.991092
	3690	1.7	188.02	3687.62	713.62	-21.41	19.2	11.53	0.25	605918.5	418913.19	32.151246	-103.991093
	3787	1.8	201.72	3784.58	810.58	-24.25	18.44	14.43	0.44	605917.74	418910.35	32.151239	-103.991095
	3882	1.7	191.62	3879.53	905.53	-27.02	17.6	17.3	0.34	605916.9	418907.58	32.151231	-103.991098
	3976	1.9	219.62	3973.49	999.49	-29.59	16.33	20.16	0.95	605915.63	418905.01	32.151224	-103.991102
	4072	1.8	223.92	4069.44	1095.44	-31.9	14.27	23.12	0.18	605913.57	418902.7	32.151218	-103.991109
	4167	1.8	229.42	4164.39	1190.39	-33.94	12.1	25.88	0.18	605911.4	418900.66	32.151212	-103.991116
	4263	1.8	231.02	4260.34	1286.34	-35.87	9.78	28.59	0.05	605909.08	418898.73	32.151207	-103.991123
	4356	1.7	234.82	4353.3	1379.3	-37.59	7.52	31.09	0.16	605906.82	418897.01	32.151202	-103.991131
	4452	1.4	233.32	4449.27	1475.27	-39.11	5.41	33.35	0.32	605904.71	418895.49	32.151198	-103.991138
	4548	1.2	210.92	4545.24	1571.24	-40.67	3.96	35.37	0.56	605903.26	418893.93	32.151194	-103.991142
	4644	1.6	214.72	4641.21	1667.21	-42.63	2.68	37.69	0.43	605901.98	418891.97	32.151188	-103.991146
	4739	1.7	214.82	4736.17	1762.17	-44.88	1.12	40.38	0.11	605900.42	418889.72	32.151182	-103.991151
	4835	1.9	215.52	4832.13	1858.13	-47.35	-0.62	43.35	0.21	605898.68	418887.25	32.151175	-103.991157
	4931	2	220.82	4928.07	1954.07	-49.91	-2.64	46.52	0.21	605896.66	418884.69	32.151168	-103.991164
	5026	2.1	223.12	5023.01	2049.01	-52.43	-4.91	49.76	0.14	605894.39	418882.17	32.151161	-103.991171
	5122	2.1	213.32	5118.95	2144.95	-55.19	-7.08	53.16	0.37	605892.22	418879.41	32.151154	-103.991178
	5218	2.1	216.92	5214.88	2240.88	-58.06	-9.1	56.62	0.14	605890.2	418876.54	32.151146	-103.991185
	5313	2.4	221.82	5309.81	2335.81	-60.94	-11.48	60.21	0.37	605887.82	418873.66	32.151138	-103.991192
	5406	2.4	219.92	5402.73	2428.73	-63.88	-14.02	63.95	0.09	605885.28	418870.72	32.15113	-103.991201
	5502	2.4	224.22	5498.64	2524.64	-66.86	-16.72	67.78	0.19	605882.58	418867.74	32.151122	-103.991209
	5598	2.4	218.62	5594.56	2620.56	-69.87	-19.37	71.62	0.24	605879.93	418864.73	32.151113	-103.991218

WellBenders Directional Services LLC

Client.....:XTO Energy
 Location.....:Eddy County NM (Nad-27 /East Zone)
 Site.....:Corral Canyon Federal
 Well.....:#6H

 Depth reference -----
 Permanent datum.....:2947.00
 Permanent datum.....:2974.00

 Surface Location -----
 Northing (N/S).....:418934.600
 Northing (E/W).....:605899.300

MD	Inc	Azimuth	TVD	Subsea	N/S	E/W	VS	DLS	X	Y	Latitude	Longitude
5692	2.2		216.12	5688.48	2714.48	-72.87	-21.66	75.3	0.24	605877.64	418861.73	32.151105 -103.991225
5788	2.6		209.62	5784.4	2810.4	-76.25	-23.83	79.27	0.5	605875.47	418858.35	32.151096 -103.991232
5884	2.5		225.12	5880.3	2906.3	-79.62	-26.39	83.4	0.72	605872.91	418854.98	32.151087 -103.991241
5978	1.6		226.72	5974.24	3000.24	-81.97	-28.8	86.53	0.96	605870.5	418852.63	32.15108 -103.991249
6074	1.9		215.62	6070.2	3096.2	-84.18	-30.7	89.33	0.47	605868.6	418850.42	32.151074 -103.991255
6168	1.9		214.82	6164.15	3190.15	-86.73	-32.49	92.4	0.03	605866.81	418847.87	32.151067 -103.991261
6263	2		212.62	6259.09	3285.09	-89.42	-34.29	95.59	0.13	605865.01	418845.18	32.15106 -103.991266
6358	1.9		205.12	6354.04	3380.04	-92.24	-35.85	98.8	0.29	605863.45	418842.36	32.151052 -103.991271
6454	1.7		203.32	6449.99	3475.99	-94.99	-37.09	101.82	0.22	605862.21	418839.61	32.151045 -103.991275
6546	1.5		217.02	6541.95	3567.95	-97.2	-38.35	104.36	0.47	605860.95	418837.4	32.151039 -103.99128
6642	1.4		210.42	6637.92	3663.92	-99.22	-39.7	106.75	0.2	605859.6	418835.38	32.151033 -103.991284
6736	1.1		222.02	6731.9	3757.9	-100.88	-40.89	108.75	0.42	605858.41	418833.72	32.151028 -103.991288
6831	1.1		268.52	6826.89	3852.89	-101.58	-42.41	110.02	0.91	605856.89	418833.02	32.151027 -103.991293
6927	1.2		300.52	6922.87	3948.87	-101.09	-44.2	110.32	0.67	605855.1	418833.51	32.151028 -103.991298
7022	2.1		284.72	7017.83	4043.83	-100.14	-46.74	110.51	1.05	605852.56	418834.46	32.151031 -103.991307
7118	2.7		257.52	7113.75	4139.75	-100.18	-50.65	112.17	1.32	605848.65	418834.42	32.15103 -103.991319
7214	1.3		248.62	7209.68	4235.68	-101.07	-53.87	114.31	1.49	605845.43	418833.53	32.151028 -103.99133
7310	1.3		194.72	7305.66	4331.66	-102.52	-55.16	116.16	1.23	605844.14	418832.08	32.151024 -103.991334
7400	1.3		170.62	7395.64	4421.64	-104.52	-55.25	118.02	0.6	605844.05	418830.08	32.151019 -103.991334
7496	1.7		158.12	7491.61	4517.61	-106.91	-54.55	119.9	0.54	605844.75	418827.69	32.151012 -103.991332
7592	1.9		151.02	7587.56	4613.56	-109.62	-53.24	121.83	0.31	605846.06	418824.98	32.151005 -103.991328
7687	1.5		151.92	7682.52	4708.52	-112.1	-51.9	123.53	0.42	605847.4	418822.5	32.150998 -103.991323
7730	1.1		151.02	7725.51	4751.51	-112.96	-51.43	124.12	0.93	605847.87	418821.64	32.150995 -103.991322

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
 Vertical depths are relative to RKB=27'. Northings and Eastings are relative to well.

The Dogleg severity is in degrees per 100 feet.
 Vertical section is from slot and calculated along an azimuth of 204.481- (Grid).

Coordinate system is NAD 1927 (NADCO CONUS) US State Plane 1927 (Exact solution) New Mexico East 3001
 Central Meridian is -10433-.
 Grid convergence at surface is 0.182-.

Based upon minimum curvature type calculations at a measured depth of 7730.00 ft. the bottom hole displacement is 12.12 ft in the direction of 204.481- (Grid).

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other				5. Lease Serial No. NMNM136870	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator XTO ENERGY INCORPORATED Contact: CASSIE EVANS E-Mail: cassie_evans@xtoenergy.com				7. Unit or CA Agreement Name and No.	
3. Address 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707				8. Lease Name and Well No. CORRAL CANYON 3-34 FED 128H	
3a. Phone No. (include area code) Ph: 432-218-3671				9. API Well No. 30-015-45428-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENE 185FNL 855FEL 32.151454 N Lat, 103.966502 W Lon Sec 10 T25S R29E Mer NMP At top prod interval reported below SESE 403FSL 356FEL 32.153074 N Lat, 103.964888 W Lon Sec 3 T25S R29E Mer NMP At total depth Lot 1 Tract 203 203FNL 349FEL 32.165977 N Lat, 103.964814 W Lon Sec 10 T25S R29E Mer NMP				10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
14. Date Spudded 12/08/2018				11. Sec., T., R., M., or Block and Survey or Area Sec 10 T25S R29E Mer NMP	
15. Date T.D. Reached 01/08/2019				12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/15/2020				13. State NM	
17. Elevations (DF, KB, RT, GL)* 3035 GL					
18. Total Depth: MD 15535 TVD 10454		19. Plug Back T.D.: MD 15533 TVD 10454		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	645		1145	273	0	
12.250	9.625 L80	40.0	0	9120	732	3326	1094	0	
8.500	5.500 P-110	17.0	0	15535		1970	800	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8225	8213						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9764	10300	9353 TO 19556	4.000	248	ACTIVE/PRODUCING
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9353 TO 19556	25,667,942 PROPPANT AND 530,448LB TREATER WATER, 1000F ACID, AND 15,155,500 SLICK WATER ACROSS 52 ST

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/24/2020	07/27/2020	24	→	1595.0	3939.0	3269.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 574	24 Hr. Rate →	Oil BBL 1595	Gas MCF 3939	Water BBL 3269	Gas:Oil Ratio 2469	Well Status PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #528262 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
SOLD

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
--	-----------------------------

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER DELAWARE BONE SPRING WOLFCAMP	27 2957 6884 9742	585 6884 9742 10311	ANHYDRITE SANDSTONE OIL/GAS SANDSTONE OIL/GAS SNAD/ KIMESTONE/SHALE OIL/GAS		

32. Additional remarks (include plugging procedure):
 KOP @ 9832'

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7 Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #528262 Verified by the BLM Well Information System.
For XTO ENERGY INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/04/2020 (20JAS0248SE)

Name (*please print*) CASSIE EVANS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 09/01/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #528262

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM136870	NMNM136870
Agreement:		
Operator:	XTO ENERGY INC 6401 HOLIDAY HILL RD #5 MIDLAND, TX 79707 Ph: 432-218-3671	XTO ENERGY INCORPORATED 6401 HOLIDAY HILL ROAD BLDG 5 MIDLAND, TX 79707 Ph: 432.683 2277
Admin Contact:	CASSIE EVANS REGULATORY ANALYST E-Mail: cassie_evans@xtoenergy.com Ph: 432-218-3671	CASSIE EVANS REGULATORY ANALYST E-Mail: cassie_evans@xtoenergy.com Ph: 432-218-3671
Tech Contact:	CASSIE EVANS REGULATORY ANALYST E-Mail: cassie_evans@xtoenergy.com Ph: 432-218-3671	CASSIE EVANS REGULATORY ANALYST E-Mail: cassie_evans@xtoenergy.com Ph: 432-218-3671
Well Name: Number:	CORRAL CANYON 3 34 FEDERAL 128H	CORRAL CANYON 3-34 FED 128H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 10 T25S R29E Mer NMP	Sec 10 T25S R29E Mer NMP
Surf Loc:	NENE 185FNL 855FEL 32.151454 N Lat, 103.966502 W Lon	NENE 185FNL 855FEL 32.151454 N Lat, 103.966502 W Lon
Field/Pool:	PURPLE SAGE WORLFCAMP GAS	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	CBL	CBL
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	RUSTLER SALADO TOP OF SALT SALADO BASE OF SALT DELAWARE BONE SPRING WOLFCAMP	RUSTLER DELAWARE BONE SPRING WOLFCAMP
Markers:		