

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	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

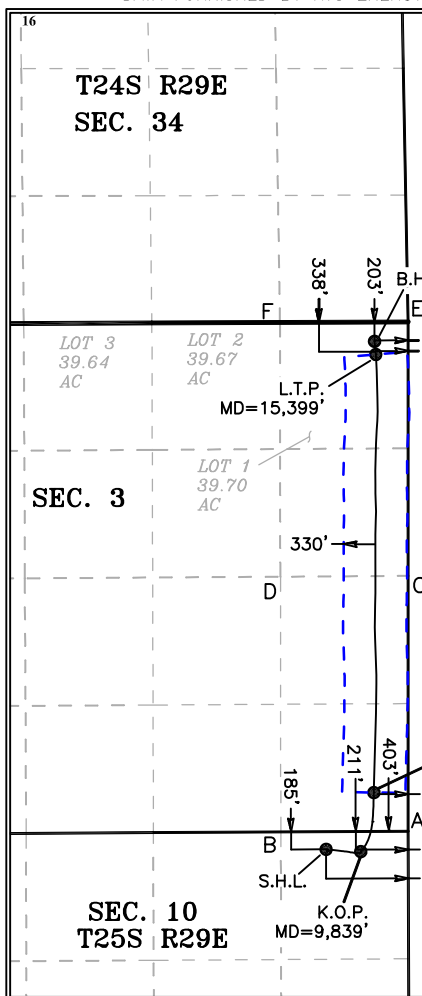
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	25 S	29 E		185	NORTH	855	EAST	EDDY

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 SEC. 10 T25S R29E 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	
	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	
		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. Cassie Evans 08/31/2020 Signature Date 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

Intent ☐ As Drilled ☒

API # 30-015-45428			
Operator Name: XTO Energy, Incorporated		Property Name: Corral Canyon 15-10 Fed	Well Number 128H

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



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:
				0.0
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	32.151334	-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	32.151334	-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	32.151334	-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).