

UNITED STATES **NM OIL CONSERVATION**
DEPARTMENT OF THE INTERIOR ARTESIA DISTRICT
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*JUL 23 2015
RECEIVED**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM15302
2. Name of Operator XTO ENERGY INCORPORATED Contact: STEPHANIE RABADUE E-Mail: stephanie_rabadue@xtoenergy.com		6. If Indian, Allottee or Tribe Name
3a. Address 500 W ILLINOIS STREET SUITE 100 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-6714	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T25S R29E SESW 110FSL 1810FWL 32.152178 N Lat, 104.008872 W Lon		8. Well Name and No. CORRAL CANYON FEDERAL 2H
		9. API Well No. 30-015-42921-00-X1
		10. Field and Pool, or Exploratory WILLOW LAKE
		11. County or Parish, and State EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

XTO Energy, Inc would like to make a change to the original APD submitted and approved to increase the lateral length. No changes to the program will be made except for the casing, cement design, total depth and acreage allocation.

An updated drilling plan, directional drill plan and updated plat are attached.

New Total Depths:

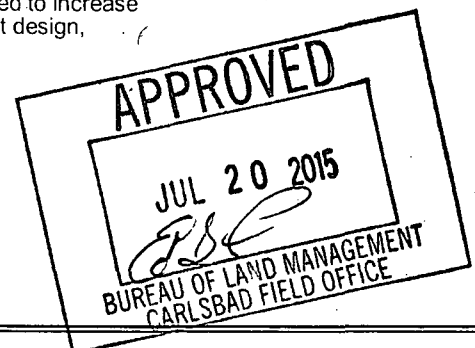
TVD:13,004'

MD:8,520'

New Acreage Allocation: 239.53

Accepted for record
NMOCB

Original COA still Applies



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #295464 verified by the BLM Well Information System

For XTO ENERGY INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by CATHY QUEEN on 06/12/2015 (15CQ0251SE)

Name (Printed/Typed) STEPHANIE RABADUE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/19/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ

Title PETROLEUM ENGINEER

Date 07/20/2015

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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.

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

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, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

DAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42221	Pool Code 96217	Pool Name Willow Lake, Bone Spring St
Property Code 31421	Property Name CORRAL CANYON FEDERAL	Well Number 2H
OGRID No. 005380	Operator Name XTO ENERGY	Elevation 2941'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	5	25-S	29-E		110	SOUTH	1810	WEST	EDDY

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
K	32	24-S	29-E		2310	SOUTH	2030	WEST	EDDY

Dedicated Acres 239.53	Joint or Infill	Consolidation Code	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

	SCALE: 1"=2000' GEODETIC COORDINATES NAD 27 NME BOTTOM HOLE LOCATION Y=426708.4 N X=600643.7 E LAT.=32.172720' N LONG.=104.008060' W CORNER COORDINATES TABLE NAD 27 NME A - Y=427061.3 N, X=599932.8 E B - Y=427059.1 N, X=601249.0 E C - Y=424399.4 N, X=601264.7 E D - Y=419118.8 N, X=601262.5 E E - Y=419128.6 N, X=599933.6 E F - Y=424398.5 N, X=599950.7 E NAD 83 NME A - Y=427119.9 N, X=641117.0 E B - Y=427117.7 N, X=642433.3 E C - Y=424457.9 N, X=642449.0 E D - Y=419177.2 N, X=642446.9 E E - Y=419187.0 N, X=641118.0 E F - Y=424456.9 N, X=641135.0 E GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=419235.0 N X=600415.0 E LAT.=32.152178' N LONG.=104.008872' W	GEODETIC COORDINATES NAD 83 NME BOTTOM HOLE LOCATION Y=426767.0 N X=641828.0 E LAT.=32.172843' N LONG.=104.008548' W GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y=419293.4 N X=641599.5 E LAT.=32.152301' N LONG.=104.009359' W	OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Stephanie Ribadue</u> Date: <u>1-29-15</u> Printed Name: <u>Stephanie Ribadue</u> E-mail Address: <u>Stephanie.ribadue@xtoenergy.com</u>
	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. MARCH 6, 2014 Date of Survey Signature of Professional Surveyor: <u>Ronald J. Eidson</u> Professional Surveyor Seal: <u>RONALD J. EIDSON</u> NEW MEXICO 3239 Certificate Number: <u>11/05/2014</u> Garland G. Eidson 12641 Ronald J. Eidson 3239 ACK REC 440.14190988 JWSC W.O. 14.13.1188		

DRILLING PLAN: BLM COMPLIANCE
(Supplement to BLM 3160-3)

XTO Energy Inc.
Corral Canyon Fed 2H
Projected TD: 13004' MD / 8520' TVD
SHL: 110' FSL & 1810' FWL, SECTION 5, T25S, R29E
BHL: 330' FNL & 2010' FWL, SECTION 5, T25S, R29E
Eddy County, NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

A. Quaternary

2. ESTIMATED TOPS OF GEOLOGICAL MARKERS & DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Formation	Well Depth (TVD)	Water / Oil / Gas
Rustler	270'	Water
Top of Salt	652'	
Base of Salt	2630'	
Delaware	2828'	Water
Brushy Canyon	5298'	Water/Oil/Gas
Bone Spring	6545'	Water/Oil/Gas
1 st Bone Spring Ss	7498'	Water/Oil/Gas
2 nd Bone Spring Ss	8310'	Water/Oil/Gas
Target/Land Curve	8521'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon

*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13-3/8" casing @ 600' above the salt and circulating cement back to surface. The salt will be isolated by setting 9-5/8" casing at 2800' and circulating cement to surface. An 8-3/4" curve and lateral hole will be drilled to MD/TD and 5-1/2" casing with sliding frac sleeves will be set at TD and cemented back up to the 9-5/8" casing shoe.

3. CASING PROGRAM:

Hole Size	Depth	OD Csg	Weight	Collar	Grade	New/Used	SF Burst	SF Collapse	SF Tension
17-1/2"	0' - 600'	13-3/8"	48#	STC	H-40	New	5.77	2.70	11.18
12-1/4"	0' - 2800'	9-5/8"	36#	LTC	J-55	New	2.71	1.36	4.49
8-3/4"	0' - 15642'	5-1/2"	17#	BTC	P-110	New	1.12	1.88	2.14

WELLHEAD:

- A. Starting Head: 13-5/8" 3000 psi top flange x 13-3/8" SOW bottom
- B. 'B' Section/ Drilling Spool: 13-5/8" 3000psi bottom flange x 11" 5M top flange
- C. Tubing Head: 11" 5000psi bottom flange x 7-1/16" 10,000psi top flange

4. CEMENT PROGRAM:

- A. **Surface Casing:** 13-3/8", 48#, NEW H-40, STC casing to be set at $\pm 600'$.

620 sx HalCem-C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft³/sk, 6.39 gal/sx wtr)

Compr Strengths: 12 hr – 900 psi 24 hr – 1500 psi

***All volumes 100% excess in open hole. Cement to surface.

- B. **Intermediate Casing:** 9-5/8", 36#, NEW J-55, LTC casing to be set at $\pm 2800'$.

Lead: 20 bbls FW, then 770 sx EconoCem-HLC + 5% salt + 5 lbm/sk Kol-Seal (mixed at 12.9 ppg, 1.88 ft³/sk, 9.61 gal/sx wtr) Compr Strengths 12 hr – 320 psi 24 hr – 623 psi

Tail: 250 sx HalCem-C (mixed at 14.8 ppg, 1.33 ft³/sk, 6.34 gal/sx wtr)

Compr Strengths: 12 hr – 900 psi 24 hr – 1500 psi

***All volumes 100% excess in open hole. Cement to surface.

- C. **Production Casing:** 5-1/2", 17#, NEW P-110, BTC casing to be set at $\pm 15642'$. Casing will be cemented and will include sliding sleeves for the completion.

Lead: 20 bbls FW, then 555 sx Tuned Light + 0.5 lbm/sk CFR-3 + 1.5 lbm/sk salt + 0.1% HR601 (mixed at 10.5 ppg, 2.69 ft³/sk, 12.26 gal/sx wtr) Compr Strengths 12 hr – 126 psi 16 hr – 500 psi 48 hr – 1106 psi

Tail: 1780 sx VersaCem PBHS2 + 0.5% LAP-1 + 0.25 lbm/sk D-air 5000 + 0.2% HR 601 + 0.4% CFR-3 + 1 pps Salt (mixed at 13.2 ppg, 1.61 ft³/sk, 8.38 gal/sx wtr)

Compr Strengths: 12 hr – 1375 psi 24 hr – 2285 psi

***All volumes 30% excess in open hole. Planned top of cement 500' into intermediate casing shoe.

5. PRESSURE CONTROL EQUIPMENT:

The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 3M Hydril and a 13-5/8" minimum 3M Double Ram BOP. Max bottom hole pressure should not exceed 4100 psi.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nipping up on the 13-5/8" 3M bradenhead and flange, the BOP test will be limited to 3000psi. When nipping up on the 9-5/8", the BOP will be tested to a minimum of 3000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 3M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

6. PROPOSED MUD CIRCULATION SYSTEM:

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' to 600'	17-1/2"	FW/Native	8.4-8.8	35-40	NC
600' to 2800'	12-1/4"	Brine/Gel Sweeps	9.8-10.2	30-32	NC
2800' to 15642'	8-3/4"	FW / Cut Brine / Poly-Sweeps	8.4-9.0	29-32	NC - 20

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under 13-3/8" surface casing with brine solution. A 9.8ppg-10.2ppg brine mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- A. A Kelly cock will be in the drill string at all times.
- B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
- C. H2S monitors will be on location when drilling below the 13-3/8" casing.

8. LOGGING, CORING AND TESTING PROGRAM:

Mud Logger: Mud Logging Unit (2 man) on @ 2800'.
 Catch 20' samples from 2800' to landing point
 Catch 30' samples from landing point to TD/MD.
 Send 1 set of dry samples to Midland Sample Library.

Open hole logging to include Density/Neutron/PE/Dual Laterlog/Spectral Gamma from kick-off point to intermediate casing shoe.

9. ABNORMAL PRESSURES AND TEMPERATURES / POTENTIAL HAZARDS:

None anticipated. BHT of 150 F is anticipated. No H₂S is expected but monitors will be in place to detect any H₂S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

Road and location construction will begin after Santa Fe and BLM have approved the APD. Anticipated spud date will be as soon after Santa Fe and BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 40 days. If production casing is run, an additional 30 days will be needed to complete well and construct surface facilities and/or lay flow lines in order to place well on production.



SECTION DETAILS

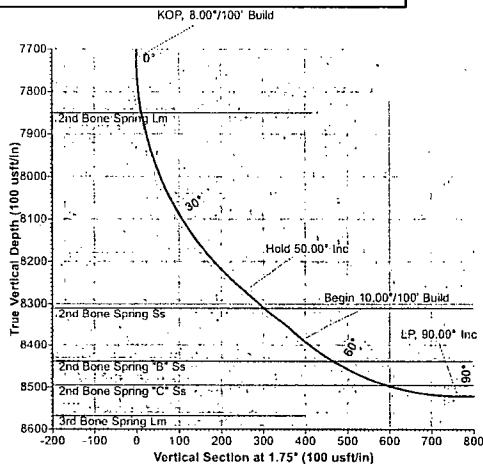
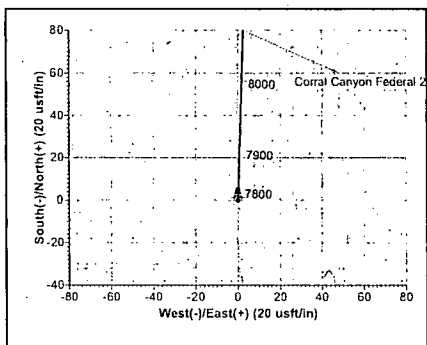
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dreg	TFace	VSec	Target	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		KOP, 8.00°/100' Build
2	7721.61	0.00	0.00	7721.61	0.00	0.00	0.00	0.00	0.00		BHL Corral Canyon Fed 2H Hold 50.00° Inc
3	8346.61	50.00	1.75	8270.25	255.71	7.83	5.00	1.75	255.33		Begin 10.00°/100' Build
4	8525.51	50.00	1.75	8353.35	393.24	12.04	0.00	0.00	393.72		
5	8926.61	90.00	1.75	8520.00	761.66	23.31	10.00	0.00	762.01		BHL Corral Canyon Fed 2H KP, 90.00° Inc
6	15641.50	90.00	1.75	8520.00	7473.40	225.70	0.00	0.00	7476.90		BHL Corral Canyon Fed 2H XD at 15641.50

DESIGN TARGET DETAILS

Name	TVDD	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape
BHL Corral Canyon Fed 2H v2	8520.00	7473.40	226.70	426768.40	600643.70	32° 10' 21.79265 N	104° 0' 29.91675 W	Point
*plan has target: center								

WELL DETAILS

+N-S	+E-W	Northing	Ground Level	2941.00	Latitude	Longitude
0.00	0.00	+19235.00	600415.00		32° 9' 7.84032 N	104° 0' 31.9378 W



FORMATION TOP DETAILS

TVDPath	MDPath	Formation	DipAngle	DipDir
269.00	269.00	Rustler	0.00	2.72
651.00	651.00	Top Salt	0.00	2.72
1275.00	1275.00	Base Salt	0.00	2.72
2627.00	2627.00	Delaware	0.00	2.72
3727.00	3727.00	Cherry Canyon	0.00	2.72
5297.00	5297.00	Brushy Canyon	0.00	2.72
6255.00	6255.00	Basal Brushy Canyon	0.00	2.72
6544.00	6544.00	Bone Spring	0.00	2.72
7497.00	7497.00	1st Bone Spring Ss	0.00	2.72
7849.00	7849.00	2nd Bone Spring Lm	0.00	2.72
8309.00	8406.90	2nd Bone Spring Ss	0.00	2.72
8437.00	8614.36	2nd Bone Spring "B" Ss	0.00	2.72
8495.00	8756.74	2nd Bone Spring "C" Ss	0.00	2.72

Map System: US State Plane 1927 (Exact solution)

Datum: NAD 1927 (NADCON CONUS)

Ellipsoid: Clarke, 1866

Zone Name: New Mexico East 3001

Local Origin: Well Corral Canyon Federal 2H, Grid North

Latitude: 32° 9' 7.84032 N

Longitude: 104° 0' 31.93978 W

Grid East: 600415.00

Grid North: +19235.00

Scale Factor: 1.000

Geomagnetic Model: IGRF2015

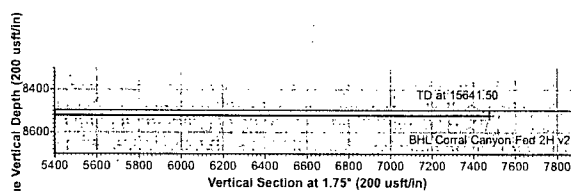
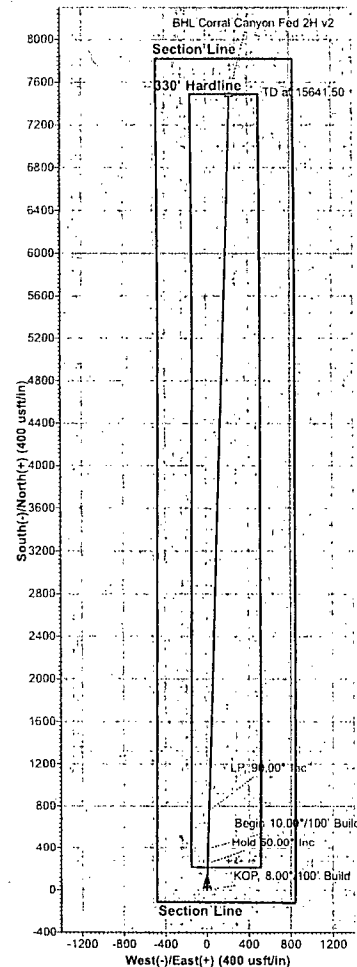
Sample Date: 28-Jan-15

Magnetic Declination: 7.41°

Dip Angle from Horizontal: 59.95°

Magnetic Field Strength: 48096

To convert a Magnetic Direction to a Grid Direction, Add 7.23°
 To convert a Magnetic Direction to a True Direction, Add 7.41° East
 To convert a True Direction to a Grid Direction, Subtract 0.17°



XTOENERGY

XTO Energy Inc

Eddy County, NM (NAD 27)

Corral Canyon Federal

Corral Canyon Federal 2H

Wellbore #1

Plan: Plan#2 012815

Standard Planning Report

28 January, 2015



PHOENIX
TECHNOLOGY SERVICES

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan#2 012815		

Project:	Eddy County, NM (NAD 27)		
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:	Corral Canyon Federal		
Site Position:		Northing:	419,285.50 usft
From:	Map	Easting:	601,708.20 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Grid Convergence:	0.17 °

Well	Corral Canyon Federal 2H					
Well Position	+N/-S	-50.50 usft	Northing:	419,235.00 usft	Latitude:	32° 9' 7.84032 N
	+E/-W	-1,293.20 usft	Easting:	600,415.00 usft	Longitude:	104° 0' 31.93978 W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	2,941.00 usft

Wellbore:	Wellbore #1		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/28/2015	7.41	59.95	48,096

Design:	Plan#2.012815			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	1.75

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7,721.61	0.00	0.00	7,721.61	0.00	0.00	0.00	0.00	0.00	0.00	
8,346.61	50.00	1.75	8,270.25	255.71	7.83	8.00	8.00	0.00	1.75	BHL Corral Canyon F
8,526.61	50.00	1.75	8,385.95	393.54	12.04	0.00	0.00	0.00	0.00	
8,926.61	90.00	1.75	8,520.00	761.66	23.31	10.00	10.00	0.00	0.00	BHL Corral Canyon F
15,641.50	90.00	1.75	8,520.00	7,473.40	228.70	0.00	0.00	0.00	0.00	BHL Corral Canyon F

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan#2 012815		

Planned 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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
269.00	0.00	0.00	269.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
651.00	0.00	0.00	651.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Salt									
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,275.00	0.00	0.00	1,275.00	0.00	0.00	0.00	0.00	0.00	0.00
Base Salt									
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,827.00	0.00	0.00	2,827.00	0.00	0.00	0.00	0.00	0.00	0.00
Delaware									
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,727.00	0.00	0.00	3,727.00	0.00	0.00	0.00	0.00	0.00	0.00
Cherry Canyon									
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan#2 012815		

Planned 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)
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,297.00	0.00	0.00	5,297.00	0.00	0.00	0.00	0.00	0.00	0.00
Brushy Canyon									
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,295.00	0.00	0.00	6,295.00	0.00	0.00	0.00	0.00	0.00	0.00
Basal Brushy Canyon									
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,544.00	0.00	0.00	6,544.00	0.00	0.00	0.00	0.00	0.00	0.00
Bone Spring									
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,497.00	0.00	0.00	7,497.00	0.00	0.00	0.00	0.00	0.00	0.00
1st Bone Spring Ss									
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,721.61	0.00	0.00	7,721.61	0.00	0.00	0.00	0.00	0.00	0.00
KOP, 8.00°/100' Build									
7,800.00	6.27	1.75	7,799.84	4.28	0.13	4.29	8.00	8.00	0.00
7,849.68	10.25	1.75	7,849.00	11.42	0.35	11.42	8.00	8.00	0.00
2nd Bone Spring Lm									
7,900.00	14.27	1.75	7,898.16	22.09	0.68	22.10	8.00	8.00	0.00
8,000.00	22.27	1.75	7,993.04	53.40	1.63	53.43	8.00	8.00	0.00
8,100.00	30.27	1.75	8,082.64	97.61	2.99	97.65	8.00	8.00	0.00
8,200.00	38.27	1.75	8,165.21	153.85	4.71	153.92	8.00	8.00	0.00
8,300.00	46.27	1.75	8,239.15	221.03	6.76	221.13	8.00	8.00	0.00
8,346.61	50.00	1.75	8,270.25	255.71	7.83	255.83	8.00	8.00	0.00

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore: #1		
Design:	Plan#2 012815		

Planned 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)
Hold 50.00° Inc									
8,400.00	50.00	1.75	8,304.57	296.59	9.08	296.73	0.00	0.00	0.00
8,406.90	50.00	1.75	8,309.00	301.87	9.24	302.02	0.00	0.00	0.00
2nd Bone Spring Ss									
8,500.00	50.00	1.75	8,368.85	373.16	11.42	373.34	0.00	0.00	0.00
8,526.61	50.00	1.75	8,385.95	393.54	12.04	393.72	0.00	0.00	0.00
Begin 10.00°/100' Build									
8,600.00	57.34	1.75	8,429.40	452.59	13.85	452.81	10.00	10.00	0.00
8,614.36	58.78	1.75	8,437.00	464.78	14.22	465.00	10.00	10.00	0.00
2nd Bone Spring "B" Ss									
8,700.00	67.34	1.75	8,475.77	541.01	16.56	541.26	10.00	10.00	0.00
8,756.74	73.01	1.75	8,495.00	594.34	18.19	594.62	10.00	10.00	0.00
2nd Bone Spring "C" Ss									
8,800.00	77.34	1.75	8,506.07	636.13	19.47	636.43	10.00	10.00	0.00
8,900.00	87.34	1.75	8,519.38	735.07	22.49	735.41	10.00	10.00	0.00
8,926.61	90.00	1.75	8,520.00	761.66	23.31	762.01	10.00	10.00	0.00
LP, 90.00° Inc									
9,000.00	90.00	1.75	8,520.00	835.01	25.55	835.40	0.00	0.00	0.00
9,100.00	90.00	1.75	8,520.00	934.97	28.61	935.40	0.00	0.00	0.00
9,200.00	90.00	1.75	8,520.00	1,034.92	31.67	1,035.40	0.00	0.00	0.00
9,300.00	90.00	1.75	8,520.00	1,134.87	34.73	1,135.40	0.00	0.00	0.00
9,400.00	90.00	1.75	8,520.00	1,234.82	37.79	1,235.40	0.00	0.00	0.00
9,500.00	90.00	1.75	8,520.00	1,334.78	40.85	1,335.40	0.00	0.00	0.00
9,600.00	90.00	1.75	8,520.00	1,434.73	43.91	1,435.40	0.00	0.00	0.00
9,700.00	90.00	1.75	8,520.00	1,534.68	46.96	1,535.40	0.00	0.00	0.00
9,800.00	90.00	1.75	8,520.00	1,634.64	50.02	1,635.40	0.00	0.00	0.00
9,900.00	90.00	1.75	8,520.00	1,734.59	53.08	1,735.40	0.00	0.00	0.00
10,000.00	90.00	1.75	8,520.00	1,834.54	56.14	1,835.40	0.00	0.00	0.00
10,100.00	90.00	1.75	8,520.00	1,934.50	59.20	1,935.40	0.00	0.00	0.00
10,200.00	90.00	1.75	8,520.00	2,034.45	62.26	2,035.40	0.00	0.00	0.00
10,300.00	90.00	1.75	8,520.00	2,134.40	65.32	2,135.40	0.00	0.00	0.00
10,400.00	90.00	1.75	8,520.00	2,234.36	68.38	2,235.40	0.00	0.00	0.00
10,500.00	90.00	1.75	8,520.00	2,334.31	71.43	2,335.40	0.00	0.00	0.00
10,600.00	90.00	1.75	8,520.00	2,434.26	74.49	2,435.40	0.00	0.00	0.00
10,700.00	90.00	1.75	8,520.00	2,534.22	77.55	2,535.40	0.00	0.00	0.00
10,800.00	90.00	1.75	8,520.00	2,634.17	80.61	2,635.40	0.00	0.00	0.00
10,900.00	90.00	1.75	8,520.00	2,734.12	83.67	2,735.40	0.00	0.00	0.00
11,000.00	90.00	1.75	8,520.00	2,834.08	86.73	2,835.40	0.00	0.00	0.00
11,100.00	90.00	1.75	8,520.00	2,934.03	89.79	2,935.40	0.00	0.00	0.00
11,200.00	90.00	1.75	8,520.00	3,033.98	92.85	3,035.40	0.00	0.00	0.00
11,300.00	90.00	1.75	8,520.00	3,133.94	95.90	3,135.40	0.00	0.00	0.00
11,400.00	90.00	1.75	8,520.00	3,233.89	98.96	3,235.40	0.00	0.00	0.00
11,500.00	90.00	1.75	8,520.00	3,333.84	102.02	3,335.40	0.00	0.00	0.00
11,600.00	90.00	1.75	8,520.00	3,433.80	105.08	3,435.40	0.00	0.00	0.00
11,700.00	90.00	1.75	8,520.00	3,533.75	108.14	3,535.40	0.00	0.00	0.00
11,800.00	90.00	1.75	8,520.00	3,633.70	111.20	3,635.40	0.00	0.00	0.00
11,900.00	90.00	1.75	8,520.00	3,733.65	114.26	3,735.40	0.00	0.00	0.00
12,000.00	90.00	1.75	8,520.00	3,833.61	117.32	3,835.40	0.00	0.00	0.00
12,100.00	90.00	1.75	8,520.00	3,933.56	120.37	3,935.40	0.00	0.00	0.00
12,200.00	90.00	1.75	8,520.00	4,033.51	123.43	4,035.40	0.00	0.00	0.00
12,300.00	90.00	1.75	8,520.00	4,133.47	126.49	4,135.40	0.00	0.00	0.00
12,400.00	90.00	1.75	8,520.00	4,233.42	129.55	4,235.40	0.00	0.00	0.00
12,500.00	90.00	1.75	8,520.00	4,333.37	132.61	4,335.40	0.00	0.00	0.00

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan#2 012815		

Planned 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)
12,600.00	90.00	1.75	8,520.00	4,433.33	135.67	4,435.40	0.00	0.00	0.00
12,700.00	90.00	1.75	8,520.00	4,533.28	138.73	4,535.40	0.00	0.00	0.00
12,800.00	90.00	1.75	8,520.00	4,633.23	141.79	4,635.40	0.00	0.00	0.00
12,900.00	90.00	1.75	8,520.00	4,733.19	144.84	4,735.40	0.00	0.00	0.00
13,000.00	90.00	1.75	8,520.00	4,833.14	147.90	4,835.40	0.00	0.00	0.00
13,100.00	90.00	1.75	8,520.00	4,933.09	150.96	4,935.40	0.00	0.00	0.00
13,200.00	90.00	1.75	8,520.00	5,033.05	154.02	5,035.40	0.00	0.00	0.00
13,300.00	90.00	1.75	8,520.00	5,133.00	157.08	5,135.40	0.00	0.00	0.00
13,400.00	90.00	1.75	8,520.00	5,232.95	160.14	5,235.40	0.00	0.00	0.00
13,500.00	90.00	1.75	8,520.00	5,332.91	163.20	5,335.40	0.00	0.00	0.00
13,600.00	90.00	1.75	8,520.00	5,432.86	166.26	5,435.40	0.00	0.00	0.00
13,700.00	90.00	1.75	8,520.00	5,532.81	169.31	5,535.40	0.00	0.00	0.00
13,800.00	90.00	1.75	8,520.00	5,632.77	172.37	5,635.40	0.00	0.00	0.00
13,900.00	90.00	1.75	8,520.00	5,732.72	175.43	5,735.40	0.00	0.00	0.00
14,000.00	90.00	1.75	8,520.00	5,832.67	178.49	5,835.40	0.00	0.00	0.00
14,100.00	90.00	1.75	8,520.00	5,932.63	181.55	5,935.40	0.00	0.00	0.00
14,200.00	90.00	1.75	8,520.00	6,032.58	184.61	6,035.40	0.00	0.00	0.00
14,300.00	90.00	1.75	8,520.00	6,132.53	187.67	6,135.40	0.00	0.00	0.00
14,400.00	90.00	1.75	8,520.00	6,232.49	190.73	6,235.40	0.00	0.00	0.00
14,500.00	90.00	1.75	8,520.00	6,332.44	193.78	6,335.40	0.00	0.00	0.00
14,600.00	90.00	1.75	8,520.00	6,432.39	196.84	6,435.40	0.00	0.00	0.00
14,700.00	90.00	1.75	8,520.00	6,532.34	199.90	6,535.40	0.00	0.00	0.00
14,800.00	90.00	1.75	8,520.00	6,632.30	202.96	6,635.40	0.00	0.00	0.00
14,900.00	90.00	1.75	8,520.00	6,732.25	206.02	6,735.40	0.00	0.00	0.00
15,000.00	90.00	1.75	8,520.00	6,832.20	209.08	6,835.40	0.00	0.00	0.00
15,100.00	90.00	1.75	8,520.00	6,932.16	212.14	6,935.40	0.00	0.00	0.00
15,200.00	90.00	1.75	8,520.00	7,032.11	215.20	7,035.40	0.00	0.00	0.00
15,300.00	90.00	1.75	8,520.00	7,132.06	218.25	7,135.40	0.00	0.00	0.00
15,400.00	90.00	1.75	8,520.00	7,232.02	221.31	7,235.40	0.00	0.00	0.00
15,500.00	90.00	1.75	8,520.00	7,331.97	224.37	7,335.40	0.00	0.00	0.00
15,600.00	90.00	1.75	8,520.00	7,431.92	227.43	7,435.40	0.00	0.00	0.00
15,641.50	90.00	1.75	8,520.00	7,473.40	228.70	7,476.90	0.00	0.00	0.00

TD at 15641.50

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
BHL Corral Canyon Fed	0.00	0.00	8,520.00	7,473.40	228.70	426,708.40	600,643.70	32° 10' 21.79265 N	104° 0' 29.01679 W
- plan hits target center									
- Point									

Database:	Compass 5000 GCR	Local Co-ordinate Reference:	Well Corral Canyon Federal 2H
Company:	XTO Energy Inc	TVD Reference:	WELL @ 2958.00usft (Pioneer 33)
Project:	Eddy County, NM (NAD 27)	MD Reference:	WELL @ 2958.00usft (Pioneer 33)
Site:	Corral Canyon Federal	North Reference:	Grid
Well:	Corral Canyon Federal 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan#2 012815		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
269.00	269.00	Rustler		0.00	2.72
651.00	651.00	Top Salt		0.00	2.72
1,275.00	1,275.00	Base Salt		0.00	2.72
2,827.00	2,827.00	Delaware		0.00	2.72
3,727.00	3,727.00	Cherry Canyon		0.00	2.72
5,297.00	5,297.00	Brushy Canyon		0.00	2.72
6,295.00	6,295.00	Basal Brushy Canyon		0.00	2.72
6,544.00	6,544.00	Bone Spring		0.00	2.72
7,497.00	7,497.00	1st Bone Spring Ss		0.00	2.72
7,849.68	7,849.00	2nd Bone Spring Lm		0.00	2.72
8,406.90	8,309.00	2nd Bone Spring Ss		0.00	2.72
8,614.36	8,437.00	2nd Bone Spring "B" Ss		0.00	2.72
8,756.74	8,495.00	2nd Bone Spring "C" Ss		0.00	2.72

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,721.61	7,721.61	0.00	0.00	KOP, 8.00°/100' Build
8,346.61	8,270.25	255.71	7.83	Hold 50.00° Inc
8,526.61	8,385.95	393.54	12.04	Begin 10.00°/100' Build
8,926.61	8,520.00	761.66	23.31	LP, 90.00° Inc
15,641.50	8,520.00	7,473.40	228.70	TD at 15641.50