RCVD DEC7'06
OIL CONS. DIV.
DIST. 3

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

2006 DEC -1 AM 11 27

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED
070 FARMINGTON NM

5. Lease Serial No.
NMNM003153

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
OH RANDEL #13

2. Name of Operator
XTO Energy Inc.

9. API Well No.
30-045-32961

3a. Address
2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (*include area code*)
505-324-1090

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
855' FNL & 1110' FEL SEC 9A-T26N-R11W

11. County or Parish, State
SAN JUAN 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	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete 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 recompletion 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 final site is ready for final inspection.)

XTO Energy Inc. proposes to change the bottom hole location as originally submitted on the APD per the attached procedure.

HOLD C104 FOR directional survey + BH survey to follow

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
LORRI D. BINGHAM

Title
REGULATORY COMPLIANCE TECH

Date 12/1/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason

Title

Date DEC 0 8 2006

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

NMOCD

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, 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 Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDEDED REPORT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-32961	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
22857	OH RANDEL	13

[7] OGRID No.	[8] Operator Name	[9] Elevation
5380	XTO Energy. Inc.	6417'

[10] Surface Location

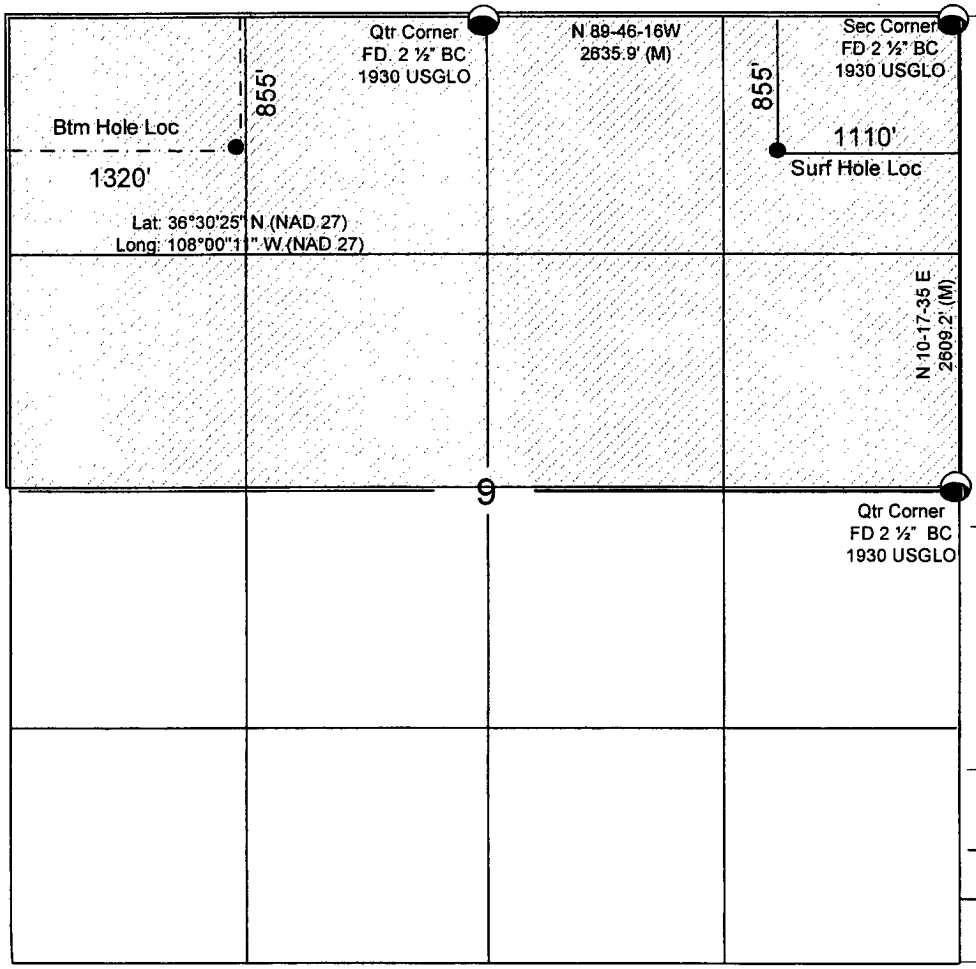
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	9	26N	11W		855	NORTH	1110	EAST	SAN JUAN

[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
D	9	26N	11W		855'	NORTH	1320'	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Lorri D. Bingham
Printed Name

Regulatory Compliance Tech
Title

12/1/06
Date

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.

6/2/2004
Date of Survey

Original Survey Signed By:
JOHN A. VUKONICH

14831
Certificate Number

XTO ENERGY INC.

OH Randel #13
Sundry Notice
December 1, 2006

Surface Location: 855' FNL x 1110' FEL Sec 9, T26N, R11W
Bottomhole Location: 855' FNL x 1320' FWL Sec 9, T26N, R11W
County: San Juan Co. **State**: New Mexico

GREATEST PROJECTED TVD: 1804'
GREATEST PROJECTED MD: 4270'
OBJECTIVE: Fruitland Coal

APPROX GR ELEV: 6417'
Est KB ELEV: 6429' (12' AGL)

2. CASING PROGRAM:

Surface Casing: 9.625" casing to be set at ± 225' in a 12-1/4" hole filled with 8.40 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-225'	225'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	20.6	35.8	48.6

Intermediate Casing: 7" casing to be set at ± 1850'MD, 1730'TVD in a 8.75" hole filled with 8.4 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-1850'	1850'	20#	J-55	ST&C	2270	3740	234	6.456	6.331	3.00	4.95	6.324

Production Casing: 4.5" casing to be set at ±4270' MD, 1804' TVD in 6.25" (or 6.125") hole filled with 8.40 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-4270'	4270'	11.6#	K-55	ST&C	4960	5350	154	4	3.875	6.370	6.870	3.109

3. WELLHEAD:

A. Casing Head: WHI QDF System (or equivalent), 9-5/8" x 7", 3,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread ST&C pin end on bottom and 4-1/2" slips on top.
B. Tubing Head: WHI W2F (or equivalent), 7.063" nominal, 5,000 psig WP (5,000 psig test), 5-1/2" slip-on or weld-on.

4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both surface and intermediate casing strings):

A. Surface: 9.625", 36.0#, J-55, ST&C casing to be set at ± 225' in 12-1/4" hole.

140 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft^3/sk, & 6.70 gal wtr/sk.

Total slurry volume is 177 ft^3, 100% excess of calculated annular volume to 225'.

B. Intermediate: 7", 20#/ft, J-55, ST&C casing to be set at ±1850'MD, 1730' TVD in 8.75" hole.

LEAD:
± 84.79 sx of Premium Lite High Strength FM + 2% bwow Potassium Chloride + 0.5 lbs/sack Cello Flake + 0.2% bwoc CD-32 + 0.5% bwoc FL-52 + 2% bwoc Pheno Seal (Mixed at 12.5 ppg, 2.01 cuft/sk, 10.55 gal water/sk)

TAIL:
150.00 sx Type III Cement + 0.25 lbs/sack Cello Flake + 0.3% bwoc CD-32 + 0.2% bwoc FL-52 + 5% bwoc A-10 + 2% bwoc Pheno Seal (Mixed at 14.2 ppg, 1.54 cuft/sk, 7.51 gal Water/sk)

Total estimated slurry volume for the 7" intermediate casing is 408.96 ft^3.

C. Production: 4.5", 11.6#/ft, K-55, ST&C casing is to be set at 3220' MD, 1784' TVD in 6.25" (or 6.125") hole.The production string will be cemented in place from a DV tool @ ±1900' MD to 1300' MD, 1279' TVD.

50 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft^3/sk, & 6.70 gal wtr/sk.

Total estimated slurry volume for the 4-1/2" production casing is 70.1 ft^3.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from calculated open hole OD plus 40%. It will be attempted to circulate cement to the surface on all strings except production.

6. FORMATION TOPS:

Est. KB Elevation: 6429'

FORMATION	TV Sub-Sea	TVD	Measured Depth
Ojo Alamo SS	5654	775	790
Kirtland Shale	5558	871	889
Farmington SS			
Fruitland Formation	5150	1279	1,304
Lower Fruitland Coal*	4629	1800	1837
TD	4645	1784	3137

** Primary Objective* *** Secondary Objective*

**** Maximum anticipated BHP should be <2,000 psig (<0.30 psi/ft) *****

XTO Energy

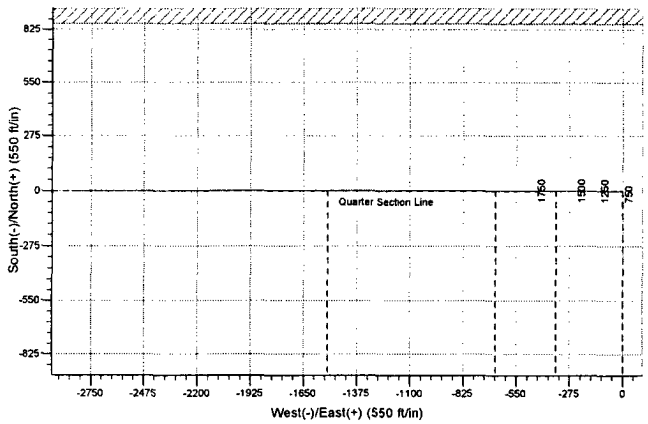
T26N, R11E
OH Randel #13
OH Randel #13
OH Randel #13

Plan: Original Permitted Plan

Standard Planning Report

01 December, 2006

XTO ENERGY



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
12.0	0.00	0.00	12.0	0.0	0.0	0.00	0.00	0.0	
545.0	0.00	0.00	545.0	0.0	0.0	0.00	0.00	0.0	
546.0	0.03	270.00	546.0	0.0	0.0	3.00	270.00	0.0	
1711.7	35.00	270.00	1640.5	0.0	-345.4	3.00	0.00	345.4	OH Randel #13 Revised BHL
1712.5	35.00	270.00	1641.1	0.0	-345.9	0.00	0.00	345.9	
2079.1	90.00	270.00	1804.0	0.0	-658.8	15.00	0.00	658.8	
4270.4	90.00	270.00	1804.0	0.0	-2850.0	0.00	0.00	2850.0	OH Randel #13 Revised BHL

XTO ENERGY

WELL DETAILS: OH Randel #13

Ground Level: 6417.0
-855.0 FNL
-1110.0 FEL

Name	TVD	+N/-S	+E/-W	Shape
OH Randel #13 Revised BHL	1804.0	0.0	-2850.0	Point

Project: T26N, R11E
Site: OH Randel #13
Well: OH Randel #13
Wellbore: OH Randel #13
Original Permitted Plan

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
775.0	775.6	Ojo Alamo SS
871.0	872.6	Kirtland Shale
1279.0	1298.4	Fruitland Formation
1800.0	2023.8	Target Fruitland Coal

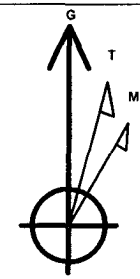
CASING DETAILS

TVD	MD	Name	Size
225.0	225.0	9 5/8"	9-5/8
1730.0	1837.4	7"	7
1804.0	4270.0	4-1/2"	4-1/2

PROJECT DETAILS: T26N, R11E

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico West 3003

System Datum: Mean Sea Level



Azimuths to Grid North
True North: 0.10°
Magnetic North: 10.63°

Magnetic Field
Strength: 51052.6nT
Dip Angle: 63.33°
Date: 9/12/2006
Model: IGRF200510

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well OH Randel #13
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Project:	T26N, R11E	**MD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Site:	OH Randel #13	**North Reference:**	Grid
Well:	OH Randel #13	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH Randel #13		
Design:	Original Permitted Plan		

Project T26N, R11E, NAPI – South of Bloomfield, Fruitland Coal Horizontals

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		Using Well Reference Point
Map Zone:	New Mexico West 3003		

Site OH Randel #13, T26N, R11E, San Juan Co., NM

Site Position:		**Northing:**	2,003,819.23 ft	**Latitude:**	36° 30' 25.000 N
From:	Lat/Long	**Easting:**	450,120.35 ft	**Longitude:**	108° 0' 11.000 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.10 °

Well OH Randel #13, Fruitland Coal w/Horizontal Oriented Parallel to Frac.

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,003,819.23 ft	**Latitude:**	36° 30' 25.000 N
	+E/-W	0.0 ft	**Easting:**	450,120.35 ft	**Longitude:**	108° 0' 11.000 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	6,417.0 ft	**Ground Level:**	6,417.0 ft

Wellbore OH Randel #13

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/12/2006	10.53	63.33	51,053

Design Original Permitted Plan

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	12.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	12.0	0.0	0.0	270.00

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
12.0	0.00	0.00	12.0	0.0	0.0	0.00	0.00	0.00	0.00	
545.0	0.00	0.00	545.0	0.0	0.0	0.00	0.00	0.00	0.00	
546.0	0.03	270.00	546.0	0.0	0.0	3.00	3.00	0.00	270.00	
1,711.7	35.00	270.00	1,640.5	0.0	-345.4	3.00	3.00	0.00	0.00	OH Randel #13 Revis
1,712.5	35.00	270.00	1,641.1	0.0	-345.9	0.00	0.00	0.00	0.00	
2,079.1	90.00	270.00	1,804.0	0.0	-658.8	15.00	15.00	0.00	0.00	
4,270.4	90.00	270.00	1,804.0	0.0	-2,850.0	0.00	0.00	0.00	0.00	OH Randel #13 Revis

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well OH Randel #13
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Project:	T26N, R11E	**MD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Site:	OH Randel #13	**North Reference:**	Grid
Well:	OH Randel #13	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH Randel #13		
Design:	Original Permitted Plan		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
12.0	0.00	0.00	12.0	0.0	0.0	0.0	0.00	0.00	0.00
225.0	0.00	0.00	225.0	0.0	0.0	0.0	0.00	0.00	0.00
9 5/8"									
545.0	0.00	0.00	545.0	0.0	0.0	0.0	0.00	0.00	0.00
546.0	0.03	270.00	546.0	0.0	0.0	0.0	3.00	3.00	0.00
Kick-Off Point									
775.6	6.92	270.00	775.0	0.0	-13.9	13.9	3.00	3.00	0.00
Ojo Alamo SS									
872.6	9.83	270.00	871.0	0.0	-28.0	28.0	3.00	3.00	0.00
Kirtland Shale									
1,298.4	22.60	270.00	1,279.0	0.0	-146.7	146.7	3.00	3.00	0.00
Fruitland Formation									
1,711.7	35.00	270.00	1,640.5	0.0	-345.4	345.4	3.00	3.00	0.00
OH Randel #13 Revised BHL									
1,712.0	35.00	270.00	1,640.7	0.0	-345.6	345.6	0.00	0.00	0.00
End of 3 deg/100' build									
1,712.5	35.00	270.00	1,641.1	0.0	-345.9	345.9	0.00	0.00	0.00
1,837.4	53.73	270.00	1,730.0	0.0	-432.8	432.8	15.00	15.00	0.00
7"									
2,023.8	81.70	270.00	1,800.0	0.0	-603.6	603.6	15.00	15.00	0.00
Target Fruitland Coal									
2,079.0	89.98	270.00	1,804.0	0.0	-658.6	658.6	15.00	15.00	0.00
End of 15 deg/100' build									
2,079.1	90.00	270.00	1,804.0	0.0	-658.8	658.8	15.00	15.00	0.00
2,946.0	90.00	270.00	1,804.0	0.0	-1,525.6	1,525.6	0.00	0.00	0.00
Quarter Section Line									
4,270.0	90.00	270.00	1,804.0	0.0	-2,849.6	2,849.6	0.00	0.00	0.00
4-1/2"									
4,270.4	90.00	270.00	1,804.0	0.0	-2,850.0	2,850.0	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
OH Randel #13 BHL - plan misses by 1288.2ft at 1955.0ft MD (1784.0 TVD, 0.0 N, -536.8 E) - Point	0.00	0.00	1,784.0	-1,045.0	-1,290.0	2,002,774.23	448,830.35	36° 30' 14.643 N	108° 0' 26.779 W
Test Target @ 2200' VS - plan misses by 1596.4ft at 2023.8ft MD (1800.0 TVD, 0.0 N, -603.6 E) - Point	0.00	0.00	1,800.0	0.0	-2,200.0	2,003,819.23	447,920.35	36° 30' 24.961 N	108° 0' 37.949 W
OH Randel #13 Revised - plan hits target - Point	0.00	0.00	1,804.0	0.0	-2,850.0	2,003,819.23	447,270.35	36° 30' 24.949 N	108° 0' 45.911 W
Test Target @ 855' FNL - plan misses by 1196.4ft at 2023.8ft MD (1800.0 TVD, 0.0 N, -603.6 E) - Point	0.00	0.00	1,800.0	0.0	-1,800.0	2,003,819.23	448,320.35	36° 30' 24.968 N	108° 0' 33.049 W

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well OH Randel #13
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Project:	T26N, R11E	**MD Reference:**	Rig KB @ 6429.0ft (AWS #507)
Site:	OH Randel #13	**North Reference:**	Grid
Well:	OH Randel #13	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH Randel #13		
Design:	Original Permitted Plan		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
225.0	225.0	9 5/8"	9-5/8	12-1/4
1,837.4	1,730.0	7"	7	8-3/4
4,270.0	1,804.0	4-1/2"	4-1/2	6-1/8

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
775.6	775.0	Ojo Alamo SS	Sandstone	0.00	
872.6	871.0	Kirtland Shale	Shale	0.00	
1,298.4	1,279.0	Fruitland Formation		0.00	
2,023.8	1,800.0	Target Fruitland Coal	Coal	0.00	

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
546.0	546.0	0.0	0.0	Kick-Off Point
1,712.0	1,640.7	0.0	-345.6	End of 3 deg/100' build
2,079.0	1,804.0	0.0	-658.6	End of 15 deg/100' build
2,946.0	1,804.0	0.0	-1,525.6	Quarter Section Line