

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

RECEIVED

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.

MAR 09 2012

SUBMIT IN TRIPLICATE - Other instructions on page 2

Farmington Field Office
Bureau of Land Management

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMSE-080844
2. Name of Operator XTO ENERGY INC.		6. If Indian, Allottee or Tribe Name Navajo Tribal Trust
3a. Address 382 CR 3100 AZTEC, NM 87410	3b. Phone No. (include area code) 505-333-3100	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface: 1665' FNL & 1265' FWL Sec. 30, T28N, R11W Bottom: 890' FNL & 1525' FWL Sec. 30, T28N, R11W		8. Well Name and No. T L Rhodes C #1F
		9. API Well No. 30-045-34943
		10. Field and Pool, or Exploratory Area Basin Dakota and Basin Mancos
		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 Revised
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Plat & Drilling
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	Program

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 final site is ready for final inspection.)

Please see attached revised diirectional drilling program and C-102 plat.

RCVD MAR 19 '12

OIL CONS. DIV.

DIST. 3

Hold C104
for Directional Survey
and "As Drilled" plat

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations

Hold C104

for Directional Survey
and "As Drilled" plat

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

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

Cherylene Charley

Title **Sr. Permitting Tech**

Signature

Cherylene Charley

Date **3/01/2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **Troy L. Salyers**

Title **Manager Petroleum Engineer**

Date **3/1/12**

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.

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.

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South 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 July, 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34943		² Pool Code 97232		³ Pool Name Basin Mancos	
⁴ Property Code 22642		⁵ Property Name TL RHODES C			⁶ Well Number 1F
⁷ GRID No. 5380		⁸ Operator Name XTO ENERGY INC.			⁹ Elevation 5922'

¹⁰ Surface Location

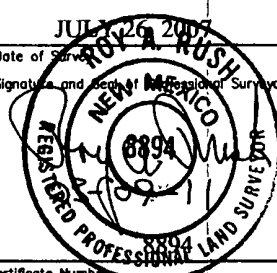
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	28-N	11-W	2	1665	NORTH	1265	WEST	SAN JUAN

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
C	30	28-N	11-W		890	NORTH	1525	WEST	SAN JUAN

¹² Dedicated Acres N/2-317.96		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

16 FD. 3 1/4" BC. 1911 GLO		17 FD. 3 1/4" BC. 1913 GLO	
LOT 1 38.97 AC 1525' 1265' LOT 2 38.99 AC LOT 3 39.01 AC LOT 4 39.03 AC S 00°00'45" W 5282.57' (M) N 5280' (R)		S 89°59'29" E 5251.41' (M) S 89°53' E 5245.68' (R) BHL BOTTOM HOLE: LAT: 36.63801° N. (NAD 83) LONG: 108.04887° W. (NAD 83) LAT: 36°38'16.80" N. (NAD 27) LONG: 107°02'53.69" W. (NAD 27) SURFACE: LAT: 36.63588° N. (NAD 83) LONG: 108.04976° W. (NAD 83) LAT: 36°38'09.1" N. (NAD 27) LONG: 108°02'56.9" W. (NAD 27) PRELIMINARY BHL BHL FOOTAGES ARE APPROXIMATE AND PROVIDED BY XTO ENERGY INC. CLIENT	
18 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 undivided 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. Cherylene Charley 3/7/12 Signature Date Cherylene Charley Printed Name E-mail Address		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JUL 26 2007 Date of Survey Signature and Seal of Registered Professional Surveyor:  Certificate Number	

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OIL CONSERVATION DIVISION

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Form C-102
Revised July, 16, 2010
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34943	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 22642	⁵ Property Name TL RHODES C	⁶ Well Number 1F
⁷ GRID No. 5380	⁸ Operator Name XTO ENERGY INC.	⁹ Elevation 5922'

¹⁰ Surface Location

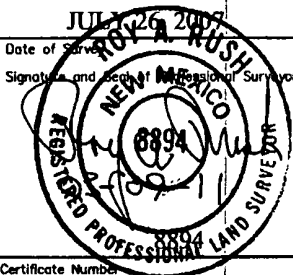
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	28-N	11-W	2	1665	NORTH	1265	WEST	SAN JUAN

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
C	30	28-N	11-W		890	NORTH	1525	WEST	SAN JUAN

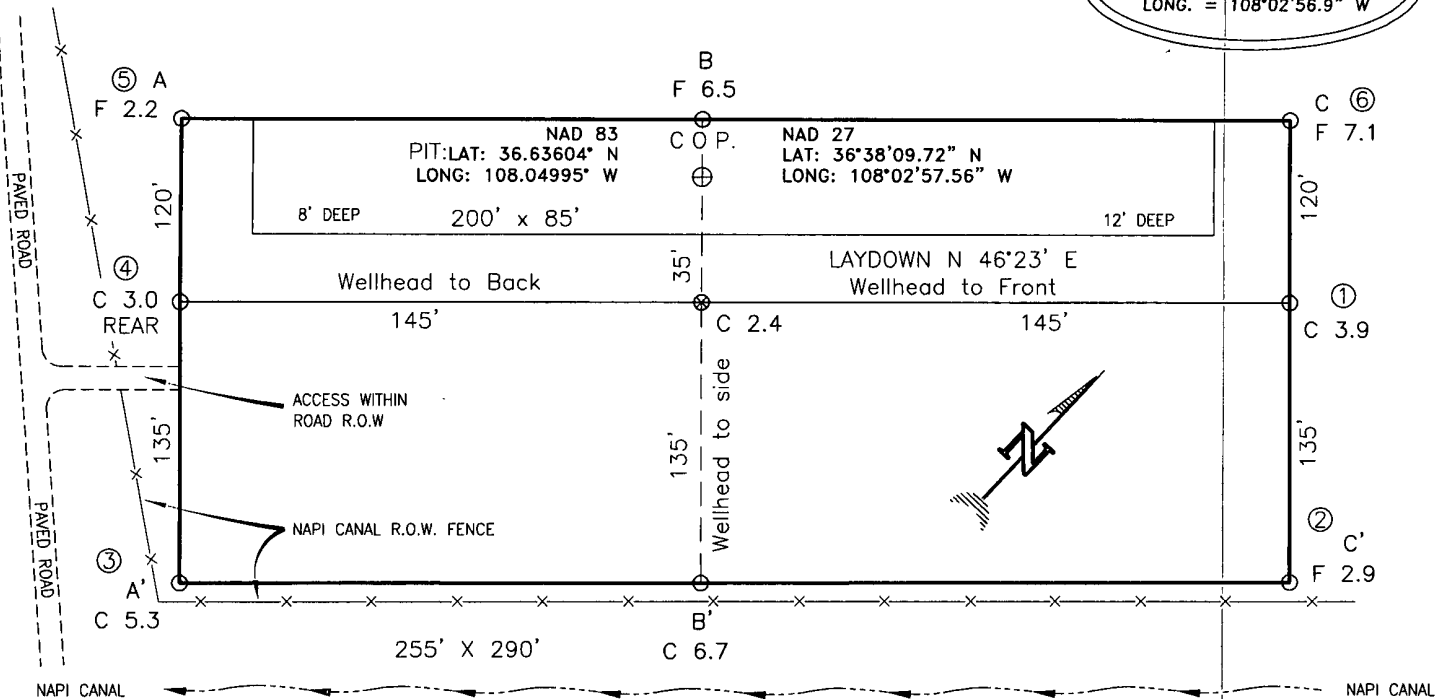
¹² Dedicated Acres N/2-317.96	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

FD 3 1/4" BC. 1911 GLO LOT 1 38.97 AC 1525' 1265' LOT 2 38.99 AC S 00°00'45" W 5282.57' (M) N 5280' (R) LOT 3 39.01 AC LOT 4 39.03 AC FD 3 1/4" BC. GLO	890' BHL 1665' 30 BOTTOM HOLE: LAT: 36.63801° N. (NAD 83) LONG: 108.04887° W. (NAD 83) LAT: 36°38'16.80" N. (NAD 27) LONG: 107°02'53.69" W. (NAD 27) SURFACE: LAT: 36.63588° N. (NAD 83) LONG: 108.04976° W. (NAD 83) LAT: 36°38'09.1" N. (NAD 27) LONG: 108°02'56.9" W. (NAD 27) PRELIMINARY BHL BHL FOOTAGES ARE APPROXIMATE AND PROVIDED BY XTO ENERGY INC. CLIENT	FD 3 1/4" BC. 1913 GLO 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>Cherylene Charley</i> 3/7/12 Signature Date <i>Cherylene Charley</i> Printed Name E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JUL 26 2007 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
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XTO ENERGY INC.
 TL RHODES C No. 1F, 1665 FNL 1265 FWL
 SECTION 30, T28N, R11W, N.M.P.M., SAN JUAN COUNTY, N.M.
 GROUND ELEVATION: 5922' DATE: JULY 26, 2007

NAD 83
 LAT. = 36.63588° N
 LONG. = 108.04976° W
 NAD 27
 LAT. = 36°38'09.1" N
 LONG. = 108°02'56.9" W



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT. OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR
 UNDERGROUND UTILITIES OR PIPELINES NEW MEXICO
 ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO
 EXCAVATION OR CONSTRUCTION.

ELEV. A-A'	C/L				
5930					
5920					
5910					
5900					

ELEV. B-B'	C/L				
5930					
5920					
5910					
5900					

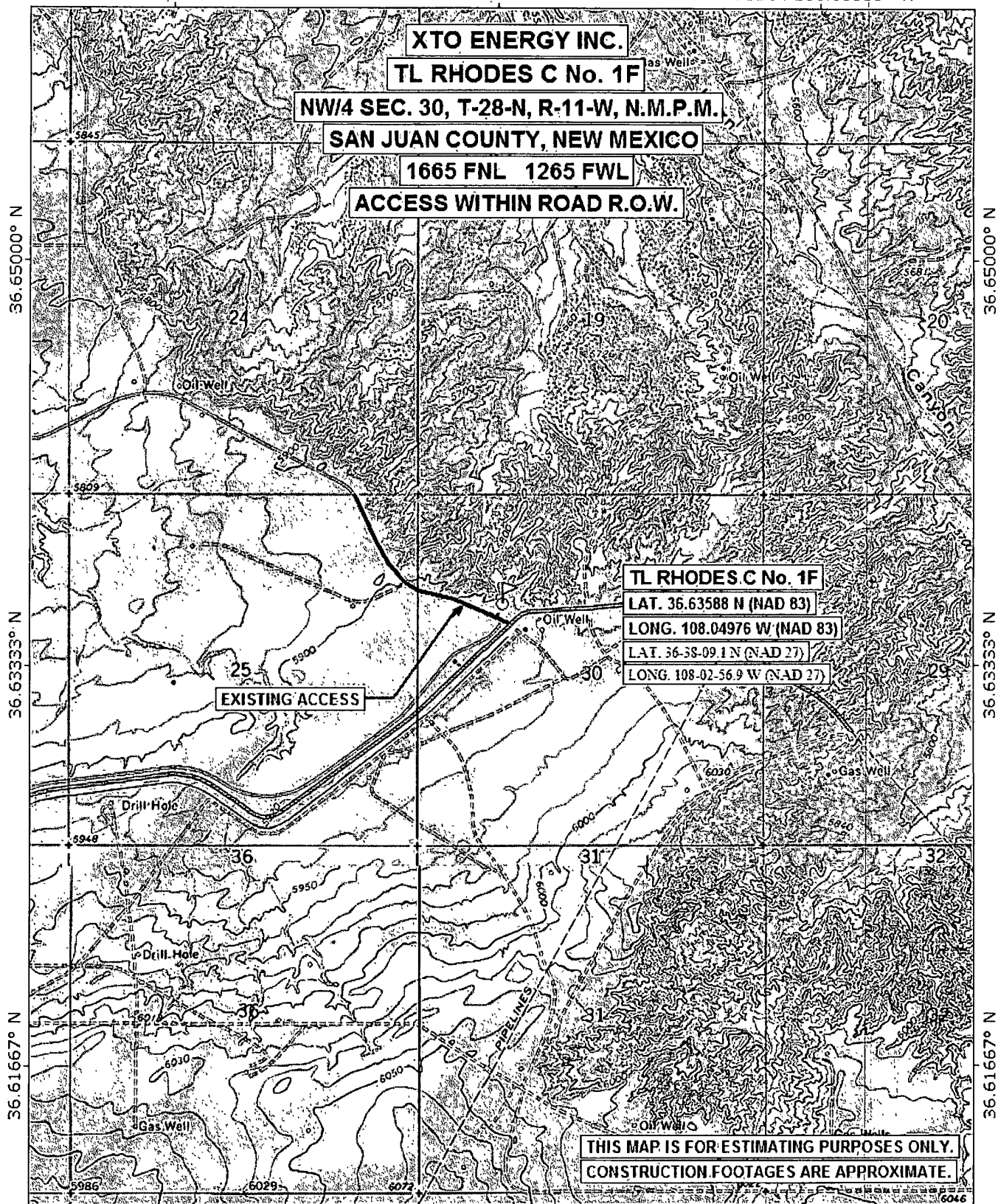
ELEV. C-C'	C/L				
5930					
5920					
5910					
5900					

NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION

REVISION:	DATE	REVISION BY:
ADDED C.O.P.	03/09/11	G.V.
REMOVED CONSTRUCTION ZONE	01/28/08	J.A.G.

Daggett Enterprises, Inc.
 Surveying and Oil Field Services
 P. O. Box 510 Farmington, NM 87499
 Phone (505) 326-1772 • Fax (505) 326-6019
 NEW MEXICO L.S. No. 8894
 CADFILE: CR684_CFB
 DATE: 11/01/07

DRAWN BY: G.V.
 ROW# CR684



0 1000 FEET 0 500 1000 METERS
Printed from TOPO! ©2001 National Geographic Holdings (www.topo.com)



Well Name: TL Rhodes C #1F

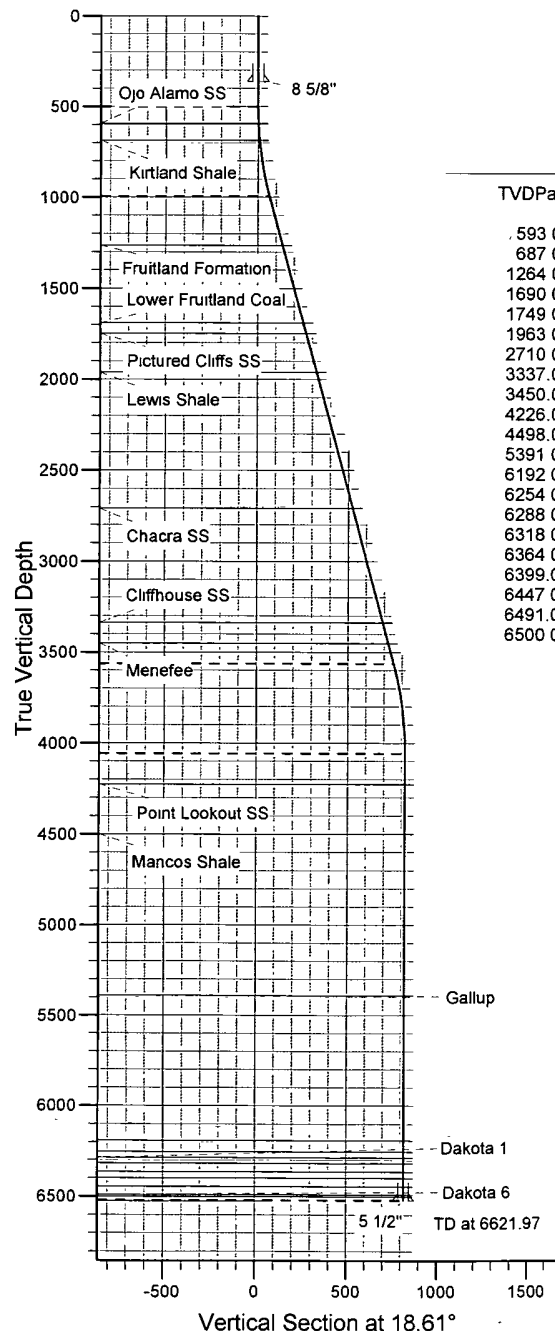
San Juan Division
Drilling Department

Calculation Method: Minimum Curvature
Geodetic Datum: North American Datum 1983
Lat: 36° 38' 9 17 N
Long: 108° 2' 59 14 W



Azimuths to True North
Magnetic North. 10.16°

Magnetic Field
Strength: 50814 1snT
Dip Angle: 63.37°
Date: 12/31/2009
Model: IGRF200510

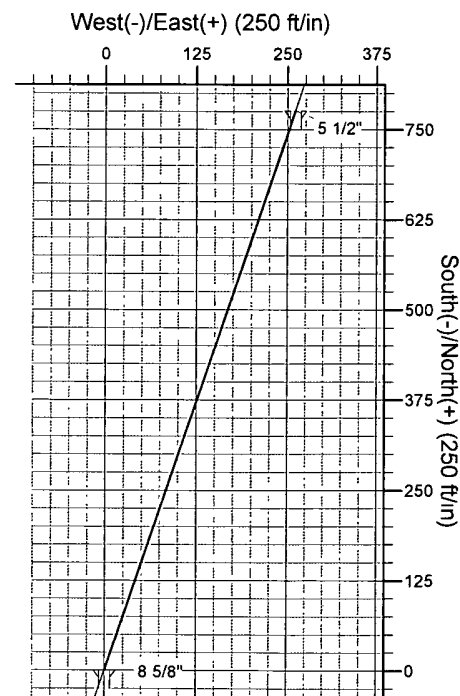
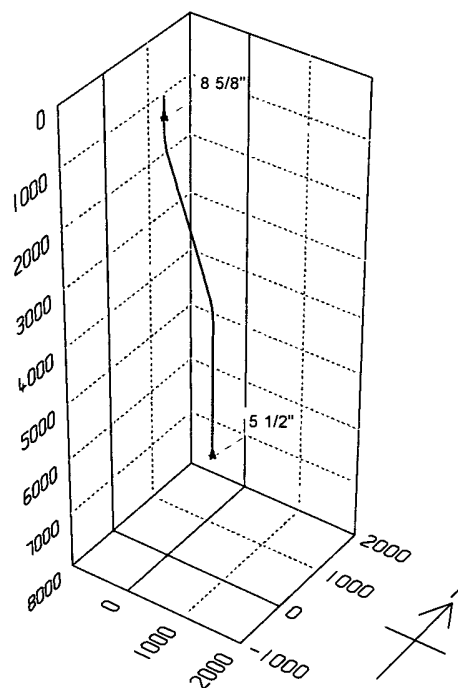


FORMATION TOP DETAILS

TVDPath	MDPath	Formation
593.00	593.04	Morrison
687.00	687.30	Ojo Alamo SS
1264.00	1279.21	Kirtland Shale
1690.00	1720.23	Fruitland Formation
1749.00	1781.31	Lower Fruitland Coal
1963.00	2002.86	Pictured Cliffs SS
2710.00	2776.22	Lewis Shale
3337.00	3425.33	Chacra SS
3450.00	3542.32	Cliffhouse SS
4226.00	4327.97	Menefee
4498.00	4599.97	Point Lookout SS
5391.00	5492.97	Mancos Shale
6192.00	6293.97	Gallup
6254.00	6355.97	Greenhorn
6288.00	6389.97	Graneros
6318.00	6419.97	Dakota 1
6364.00	6465.97	Dakota 2
6399.00	6500.97	Dakota 3
6447.00	6548.97	Dakota 4
6491.00	6592.97	Dakota 5
6500.00	6601.97	Dakota 6
		Burro Canyon

CASING DETAILS

TVD	MD	Name	Size
360.00	360.00	8 5/8"	8.625
6520.00	6621.97	5 1/2"	5.500



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
3	1000.00	15.00	18.61	994.31	61.67	20.77	3.00	18.61	65.08	
4	3658.44	15.00	18.61	3562.17	713.75	240.35	0.00	0.00	753.13	
5	4158.44	0.00	0.00	4056.47	775.43	261.12	3.00	180.00	818.21	
6	6621.97	0.00	0.00	6520.00	775.43	261.12	0.00	0.00	818.21	Proposed BHL -- TL Rhodes C #1F

XTO Energy

San Juan Basin (NAD 83)

TL Rhodes C #1F

TL Rhodes C #1F

TL Rhodes C #1F

Plan: Permitted Wellbore -- TL Rhodes C #1F

Standard Planning Report

07 February, 2012

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well TL Rhodes C #1F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5936 00ft (D&J #2)
Project:	San Juan Basin (NAD 83)	MD Reference:	Rig KB @ 5936.00ft (D&J #2)
Site:	TL Rhodes C #1F	North Reference:	True
Well:	TL Rhodes C #1F	Survey Calculation Method:	Minimum Curvature
Wellbore:	TL Rhodes C #1F		
Design:	Permitted Wellbore -- TL Rhodes C #1F		

Project	San Juan Basin (NAD 83), San Juan Co., NM.		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	TL Rhodes C #1F, T28N, R11W		
Site Position:		Northing:	2,050,843.77 ft
From:	Lat/Long	Easting:	2,659,593.20 ft
Position Uncertainty:	0.00 ft	Slot Radius:	in
		Latitude:	36° 38' 9 17 N
		Longitude:	108° 2' 59.14 W
		Grid Convergence:	-0.13 °

Well	TL Rhodes C #1F, DK/ GL S-well		
Well Position	+N/-S	0 00 ft	Northing: 2,050,843.77 ft
	+E/-W	0 00 ft	Easting: 2,659,593.20 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	5,922 00 ft
		Latitude:	36° 38' 9 17 N
		Longitude:	108° 2' 59 14 W
		Ground Level:	5,922 00 ft

Wellbore	TL Rhodes C #1F				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	10 17	63.37	50,814

Design	Permitted Wellbore -- TL Rhodes C #1F			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0 00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0 00	0.00	0.00	18 61

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
0 00	0.00	0 00	0.00	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	
1,000.00	15 00	18 61	994 31	61 67	20 77	3 00	3 00	0.00	18 61	
3,658.44	15 00	18.61	3,562 17	713 75	240 35	0 00	0.00	0.00	0 00	
4,158.44	0 00	0.00	4,056 47	775.43	261 12	3.00	-3 00	0 00	180 00	
6,621.97	0.00	0.00	6,520.00	775 43	261.12	0 00	0.00	0 00	0.00	Proposed BHL -- TL F

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well TL Rhodes C #1F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5936.00ft (D&J #2)
Project:	San Juan Basin (NAD 83)	MD Reference:	Rig KB @ 5936.00ft (D&J #2)
Site:	TL Rhodes C #1F	North Reference:	True
Well:	TL Rhodes C #1F	Survey Calculation Method:	Minimum Curvature
Wellbore:	TL Rhodes C #1F		
Design:	Permitted Wellbore -- TL Rhodes C #1F		

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)
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
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
360.00	0.00	0.00	360.00	0.00	0.00	0.00	0.00	0.00	0.00
8 5/8"									
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
593.04	2.79	18.61	593.00	2.15	0.72	2.27	3.00	3.00	0.00
Ojo Alamo SS									
600.00	3.00	18.61	599.95	2.48	0.84	2.62	3.00	3.00	0.00
687.30	5.62	18.61	687.00	8.70	2.93	9.18	3.00	3.00	0.00
Kirtland Shale									
700.00	6.00	18.61	699.63	9.92	3.34	10.46	3.00	3.00	0.00
800.00	9.00	18.61	798.77	22.28	7.50	23.51	3.00	3.00	0.00
900.00	12.00	18.61	897.08	39.55	13.32	41.74	3.00	3.00	0.00
1,000.00	15.00	18.61	994.31	61.67	20.77	65.08	3.00	3.00	0.00
1,100.00	15.00	18.61	1,090.90	86.20	29.03	90.96	0.00	0.00	0.00
1,200.00	15.00	18.61	1,187.49	110.73	37.29	116.84	0.00	0.00	0.00
1,279.21	15.00	18.61	1,264.00	130.16	43.83	137.34	0.00	0.00	0.00
Fruitland Formation									
1,300.00	15.00	18.61	1,284.09	135.26	45.55	142.72	0.00	0.00	0.00
1,400.00	15.00	18.61	1,380.68	159.79	53.81	168.60	0.00	0.00	0.00
1,500.00	15.00	18.61	1,477.27	184.32	62.07	194.49	0.00	0.00	0.00
1,600.00	15.00	18.61	1,573.86	208.85	70.33	220.37	0.00	0.00	0.00
1,700.00	15.00	18.61	1,670.46	233.37	78.59	246.25	0.00	0.00	0.00
1,720.23	15.00	18.61	1,690.00	238.34	80.26	251.49	0.00	0.00	0.00
Lower Fruitland Coal									
1,781.31	15.00	18.61	1,749.00	253.32	85.30	267.30	0.00	0.00	0.00
Pictured Cliffs SS									
1,800.00	15.00	18.61	1,767.05	257.90	86.85	272.13	0.00	0.00	0.00
1,900.00	15.00	18.61	1,863.64	282.43	95.11	298.01	0.00	0.00	0.00
2,000.00	15.00	18.61	1,960.23	306.96	103.37	323.90	0.00	0.00	0.00
2,002.86	15.00	18.61	1,963.00	307.66	103.60	324.64	0.00	0.00	0.00
Lewis Shale									
2,100.00	15.00	18.61	2,056.83	331.49	111.62	349.78	0.00	0.00	0.00
2,200.00	15.00	18.61	2,153.42	356.02	119.88	375.66	0.00	0.00	0.00
2,300.00	15.00	18.61	2,250.01	380.55	128.14	401.54	0.00	0.00	0.00
2,400.00	15.00	18.61	2,346.60	405.07	136.40	427.42	0.00	0.00	0.00
2,500.00	15.00	18.61	2,443.20	429.60	144.66	453.31	0.00	0.00	0.00
2,600.00	15.00	18.61	2,539.79	454.13	152.92	479.19	0.00	0.00	0.00
2,700.00	15.00	18.61	2,636.38	478.66	161.18	505.07	0.00	0.00	0.00
2,776.22	15.00	18.61	2,710.00	497.35	167.48	524.80	0.00	0.00	0.00
Chacra SS									
2,800.00	15.00	18.61	2,732.97	503.19	169.44	530.95	0.00	0.00	0.00
2,900.00	15.00	18.61	2,829.57	527.72	177.70	556.83	0.00	0.00	0.00
3,000.00	15.00	18.61	2,926.16	552.25	185.96	582.71	0.00	0.00	0.00
3,100.00	15.00	18.61	3,022.75	576.77	194.22	608.60	0.00	0.00	0.00
3,200.00	15.00	18.61	3,119.34	601.30	202.48	634.48	0.00	0.00	0.00
3,300.00	15.00	18.61	3,215.94	625.83	210.74	660.36	0.00	0.00	0.00
3,400.00	15.00	18.61	3,312.53	650.36	219.00	686.24	0.00	0.00	0.00
3,425.33	15.00	18.61	3,337.00	656.57	221.09	692.80	0.00	0.00	0.00
Cliffhouse SS									

XTO Energy Inc.
Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well TL Rhodes C #1F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5936.00ft (D&J #2)
Project:	San Juan Basin (NAD 83)	MD Reference:	Rig KB @ 5936 00ft (D&J #2)
Site:	TL Rhodes C #1F	North Reference:	True
Well:	TL Rhodes C #1F	Survey Calculation Method:	Minimum Curvature
Wellbore:	TL Rhodes C #1F		
Design:	Permitted Wellbore -- TL Rhodes C #1F		

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)
3,500.00	15.00	18.61	3,409.12	674.89	227.26	712.12	0.00	0.00	0.00
3,542.32	15.00	18.61	3,450.00	685.27	230.76	723.08	0.00	0.00	0.00
Menefee									
3,600.00	15.00	18.61	3,505.72	699.42	235.52	738.01	0.00	0.00	0.00
3,658.44	15.00	18.61	3,562.17	713.75	240.35	753.13	0.00	0.00	0.00
3,700.00	13.75	18.61	3,602.42	723.53	243.64	763.45	3.00	-3.00	0.00
3,800.00	10.75	18.61	3,700.13	743.64	250.41	784.67	3.00	-3.00	0.00
3,900.00	7.75	18.61	3,798.82	758.88	255.54	800.75	3.00	-3.00	0.00
4,000.00	4.75	18.61	3,898.21	769.20	259.02	811.64	3.00	-3.00	0.00
4,100.00	1.75	18.61	3,998.04	774.58	260.83	817.31	3.00	-3.00	0.00
4,158.44	0.00	0.00	4,056.47	775.43	261.12	818.21	3.00	-3.00	0.00
4,200.00	0.00	0.00	4,098.03	775.43	261.12	818.21	0.00	0.00	0.00
4,300.00	0.00	0.00	4,198.03	775.43	261.12	818.21	0.00	0.00	0.00
4,327.97	0.00	0.00	4,226.00	775.43	261.12	818.21	0.00	0.00	0.00
Point Lookout SS									
4,400.00	0.00	0.00	4,298.03	775.43	261.12	818.21	0.00	0.00	0.00
4,500.00	0.00	0.00	4,398.03	775.43	261.12	818.21	0.00	0.00	0.00
4,599.97	0.00	0.00	4,498.00	775.43	261.12	818.21	0.00	0.00	0.00
Mancos Shale									
4,600.00	0.00	0.00	4,498.03	775.43	261.12	818.21	0.00	0.00	0.00
4,700.00	0.00	0.00	4,598.03	775.43	261.12	818.21	0.00	0.00	0.00
4,800.00	0.00	0.00	4,698.03	775.43	261.12	818.21	0.00	0.00	0.00
4,900.00	0.00	0.00	4,798.03	775.43	261.12	818.21	0.00	0.00	0.00
5,000.00	0.00	0.00	4,898.03	775.43	261.12	818.21	0.00	0.00	0.00
5,100.00	0.00	0.00	4,998.03	775.43	261.12	818.21	0.00	0.00	0.00
5,200.00	0.00	0.00	5,098.03	775.43	261.12	818.21	0.00	0.00	0.00
5,300.00	0.00	0.00	5,198.03	775.43	261.12	818.21	0.00	0.00	0.00
5,400.00	0.00	0.00	5,298.03	775.43	261.12	818.21	0.00	0.00	0.00
5,492.97	0.00	0.00	5,391.00	775.43	261.12	818.21	0.00	0.00	0.00
Gallup									
5,500.00	0.00	0.00	5,398.03	775.43	261.12	818.21	0.00	0.00	0.00
5,600.00	0.00	0.00	5,498.03	775.43	261.12	818.21	0.00	0.00	0.00
5,700.00	0.00	0.00	5,598.03	775.43	261.12	818.21	0.00	0.00	0.00
5,800.00	0.00	0.00	5,698.03	775.43	261.12	818.21	0.00	0.00	0.00
5,900.00	0.00	0.00	5,798.03	775.43	261.12	818.21	0.00	0.00	0.00
6,000.00	0.00	0.00	5,898.03	775.43	261.12	818.21	0.00	0.00	0.00
6,100.00	0.00	0.00	5,998.03	775.43	261.12	818.21	0.00	0.00	0.00
6,200.00	0.00	0.00	6,098.03	775.43	261.12	818.21	0.00	0.00	0.00
6,293.97	0.00	0.00	6,192.00	775.43	261.12	818.21	0.00	0.00	0.00
Greenhorn									
6,300.00	0.00	0.00	6,198.03	775.43	261.12	818.21	0.00	0.00	0.00
6,355.97	0.00	0.00	6,254.00	775.43	261.12	818.21	0.00	0.00	0.00
Graneros									
6,389.97	0.00	0.00	6,288.00	775.43	261.12	818.21	0.00	0.00	0.00
Dakota 1									
6,400.00	0.00	0.00	6,298.03	775.43	261.12	818.21	0.00	0.00	0.00
6,419.97	0.00	0.00	6,318.00	775.43	261.12	818.21	0.00	0.00	0.00
Dakota 2									
6,465.97	0.00	0.00	6,364.00	775.43	261.12	818.21	0.00	0.00	0.00
Dakota 3									
6,500.00	0.00	0.00	6,398.03	775.43	261.12	818.21	0.00	0.00	0.00
6,500.97	0.00	0.00	6,399.00	775.43	261.12	818.21	0.00	0.00	0.00

XTO Energy Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well TL Rhodes C #1F
Company:	XTO Energy	TVD Reference:	Rig KB @ 5936.00ft (D&J #2)
Project:	San Juan Basin (NAD 83)	MD Reference:	Rig KB @ 5936.00ft (D&J #2)
Site:	TL Rhodes C #1F	North Reference:	True
Well:	TL Rhodes C #1F	Survey Calculation Method:	Minimum Curvature
Wellbore:	TL Rhodes C #1F		
Design:	Permitted Wellbore -- TL Rhodes C #1F		

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)
Dakota 4									
6,548.97	0.00	0.00	6,447.00	775.43	261.12	818.21	0.00	0.00	0.00
Dakota 5									
6,592.97	0.00	0.00	6,491.00	775.43	261.12	818.21	0.00	0.00	0.00
Dakota 6									
6,600.00	0.00	0.00	6,498.03	775.43	261.12	818.21	0.00	0.00	0.00
6,601.97	0.00	0.00	6,500.00	775.43	261.12	818.21	0.00	0.00	0.00
Burro Canyon									
6,621.97	0.00	0.00	6,520.00	775.43	261.12	818.21	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
Proposed BHL -- TL Rhc	0.00	0.00	6,520.00	775.43	261.12	2,051,618.61	2,659,856.07	36° 38' 16.84 N	108° 2' 55.93 W
- plan hits target									
- Circle (radius 10.00)									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
360.00	360.00	8 5/8"	8.625	12.250
6,621.97	6,520.00	5 1/2"	5.500	7.875

XTO Energy Inc.

Planning Report

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Project:	San Juan Basin (NAD 83)	MD Reference:	Rig KB @ 5936.00ft (D&J #2)
Site:	TL Rhodes C #1F	North Reference:	True
Well:	TL Rhodes C #1F	Survey Calculation Method:	Minimum Curvature
Wellbore:	TL Rhodes C #1F		
Design:	Permitted Wellbore -- TL Rhodes C #1F		

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
593.04	593.00	Ojo Alamo SS		0.00	
687.30	687.00	Kirtland Shale		0.00	
1,279.21	1,264.00	Fruitland Formation		0.00	
1,720.23	1,690.00	Lower Fruitland Coal		0.00	
1,781.31	1,749.00	Pictured Cliffs SS		0.00	
2,002.86	1,963.00	Lewis Shale		0.00	
2,776.22	2,710.00	Chacra SS		0.00	
3,425.33	3,337.00	Cliffhouse SS		0.00	
3,542.32	3,450.00	Menefee		0.00	
4,327.97	4,226.00	Point Lookout SS		0.00	
4,599.97	4,498.00	Mancos Shale		0.00	
5,492.97	5,391.00	Gallup		0.00	
6,293.97	6,192.00	Greenhorn		0.00	
6,355.97	6,254.00	Graneros		0.00	
6,389.97	6,288.00	Dakota 1		0.00	
6,419.97	6,318.00	Dakota 2		0.00	
6,465.97	6,364.00	Dakota 3		0.00	
6,500.97	6,399.00	Dakota 4		0.00	
6,548.97	6,447.00	Dakota 5		0.00	
6,592.97	6,491.00	Dakota 6		0.00	
6,601.97	6,500.00	Burro Canyon		0.00	
	6,524.00	Morrison		0.00	

XTO ENERGY INC.

TL Rhodes C #1F

APD Data

March 7, 2012

Location: 1665' FNL x 1265' FWL Sec 30, T28N, R11W County: San Juan State: NM

Bottomhole Location: 890' FNL x 1525' FWL Sec 30, T28N, R11W

GREATEST PROJECTED TD: 6622' MD, 6520' TVD

OBJECTIVE: Basin Dakota/ Basin Mancos

APPROX GR ELEV: 5922'

Est KB ELEV: 5934' (12' AGL)

Please note attached directional program.

1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 6622'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	FW/ LSND
WEIGHT	8.6-9.0	8.4-9.2
VISCOSITY	28-32	28-38
WATER LOSS	NC	NC

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes.

2. CASING PROGRAM:

Surface Casing: 8.625" casing to be set at $\pm$ 360' in a 12-1/4" hole filled with 9.20 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'-360'	360'	24.0#	J-55	ST&C	1370	2950	244	8.097	7.972	7.950	17.13	28.24

Production Casing: 5.5" casing to be set at TD ($\pm$ 6622'MD/6520' TVD) in 7-7/8" hole filled with 9.20ppg 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'-6622'	6622'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.30	1.54	1.97

Note: Safety factors are calculated based on a 9.2 ppg mwe with no backup using true vertical depth.

3. WELLHEAD:

- Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top.
- Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

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

A. Surface: 8.625", 24.0#, J-55, ST&C casing to be set at $\pm 360'$ in 12-1/4" hole.

260 sx of Type V cement (or equivalent) typically containing accelerator and LCM, mixed at 15.8 ppg, 1.17 ft³/sk, & 5.01 gal wtr/sk.

Total slurry volume is 297 ft³, 100% excess of calculated annular volume to 360'.

B. Production: 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set at $\pm 6622'$ in 7.875" hole. DV Tool set @ $\pm 4275'$.

1st Stage

LEAD:

± 165 sx of Type V (or equivalent) typically containing dispersant, fluid loss additives, accelerator, & LCM mixed at 12.3 ppg, 2.36 ft³/sk, 12.95 gal wtr/sx.

TAIL:

100 sx Type V or Class 'G' cement typically containing accelerator, LCM, dispersant, & fluid loss additives mixed at 13.5 ppg, 1.81 cuft/sx, 8.85 gal/sx.

2nd Stage

LEAD:

± 355 of Type V (or equivalent) typically containing dispersant, fluid loss additives, accelerator, & LCM mixed at 12.3 ppg, 2.36 ft³/sk, 12.95 gal wtr/sx.

TAIL:

100 sx Type V or Class 'G' cement typically containing accelerator, LCM, dispersant, & fluid loss additives mixed at 13.5 ppg, 1.81 cuft/sx, 8.85 gal/sx.

Total estimated slurry volume for the 5-1/2" production casing is 1588 ft³.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 40%. It will be attempted to circulate cement to the surface.

5. LOGGING PROGRAM:

A. Mud Logger: If requested by Fort Worth Geology, the mud logger will come on after setting surface casing and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (6622') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6622') to the projected top of the Fruitland Formation.

C. Coring and Drill stem Testing: No operations are planned for this site.

6. FORMATION TOPS:

Est. KB Elevation: 5934'

FORMATION	Sub-Sea	MD	FORMATION	TV Sub-Sea	MD
Ojo Alamo SS	5341	593	Gallup	543	5492
Kirtland Shale	5247	687	Greenhorn	-258	6293
Farmington SS			Graneros	-320	6355
Fruitland Formation	4670	1279	Dakota 1*	-354	6389
Lower Fruitland Coal	4244	1720	Dakota 2*	-384	6419
Pictured Cliffs SS	4185	1781	Dakota 3*	-430	6465
Lewis Shale	3971	2002	Dakota 4*	-465	6500
Chacra SS	3224	2776	Dakota 5*	-513	6548
Cliffhouse SS*	2597	3425	Dakota 6*	-557	6592
Menefee**	2484	3542	Burro Canyon	-566	6601
Point Lookout SS*	1708	4327	Morrison*		
Mancos Shale	1436	4599	TD	-586	6622

* Primary Objective

** Secondary Objective

**** Maximum anticipated BHP should be <2,000 psig (< 0.3 psi/ft)****

**** Target formations will be Fracture Stimulated. ****

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
Justin Niederhofer	Drilling Engineer	303-397-3719	505-320-0158
Bobby Jackson	Drilling Superintendent	303-397-3720	505-486-4706
Reed Meek	Project Geologist	817-885-2800	N/A

JDN
3/7/12