Form 3160-5
(February 2005)

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
NMSF-078641

6. If Indian, Allottee or Tribe Name
N/A

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

8. Well Name and No.
BERGER #6S

9. API Well No.
30-045-32947

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

11. County or Parish, State
SAN JUN , NM

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

2. Name of Operator **XTO Energy, Inc.**

3a. Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No. *(include area code)*
505-333-3100

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

SH: 1130' FNL x 1890' FWL in Sec 22, T26N, R11W
BH: 1952' FNL x 660' ~~FEL~~ FWL in Sec 22, T26N, R11W

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 drlg plan**
	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see attached revised drilling plan per request of Chip @ BLM. Sundry was submitted on 08/15/07 to change this well from a vertical drill to a horizontal drill, but in the drilling plan, the tops were listed incorrectly.

RCVD OCT 4 '07
OIL CONS. DIV.
DIST. 3

RECEIVED
OCT 2 2007
Bureau of Land Management
Farmington Field Office

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Kyla Vaughan** Title **Regulatory Compliance**

Signature Kyla Vaughan Date **09/24/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy L Salyers Title PE Date 10/03/07

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 FFO

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.

(Instructions on page 2)

NMOCD

DISTRICT I
1625 N French Dr, Hobbs NM 88240

DISTRICT II
1301 W Grand Ave Artesia NM 88210

DISTRICT III
1000 Rio Brazos Rd Aztec NM 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 October 12, 2005

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

2007 AUG 6 PM 1:11

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-32947	71629	BASIN FRUITLAND COAL

[4] Property Code	[5] Property Name	[6] Well Number
	BERGER	6S

[7] OGRID No	[8] Operator Name	[9] Elevation
5380	XTO ENERGY INC	6323

[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
C	22	26-N	11-W		1130	NORTH	1890	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
E	22	26-N	11-W		1952	NORTH	660	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No
N/2 320			

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

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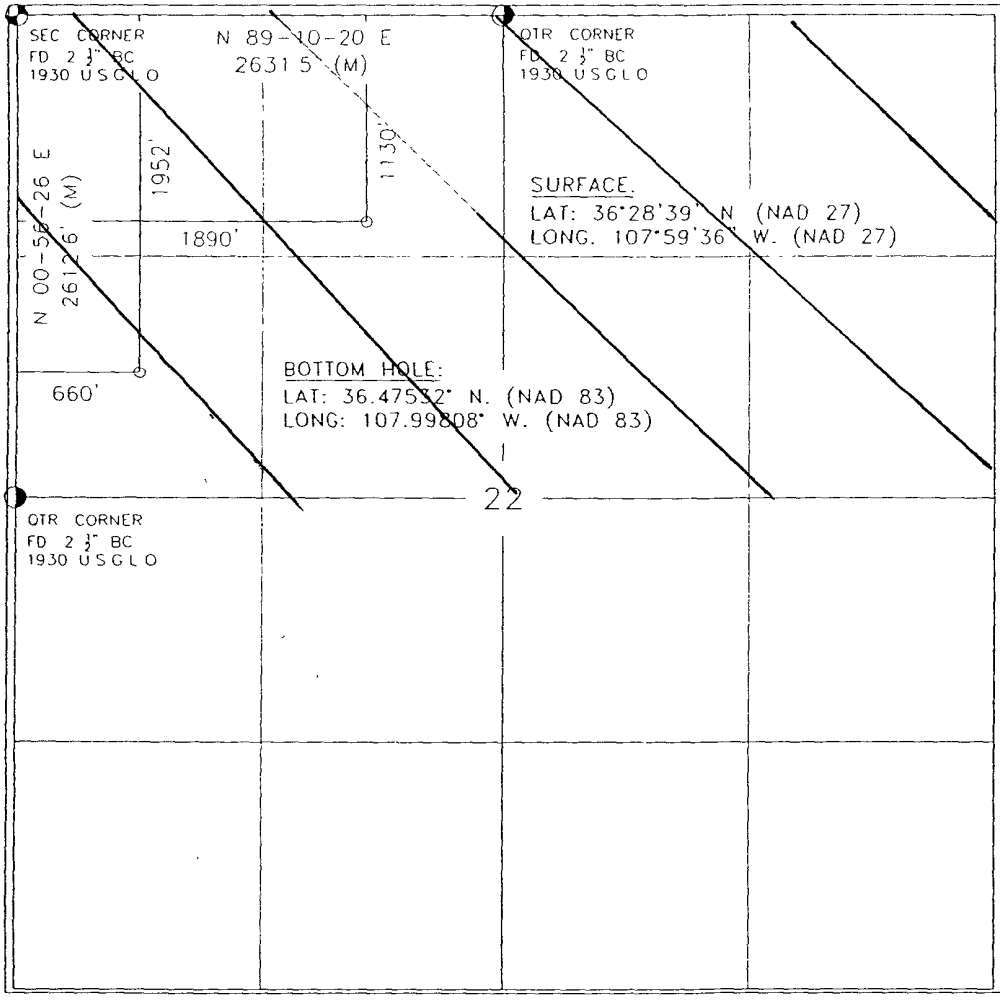

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OPERATOR CERTIFICATION

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

Kyla Vaughan 8/15/07
Signature Date

Kyla Vaughan
Printed Name

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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

JUNE 16, 2004
Date of Survey

Signature and Seal of Professional Surveyor

ROY A. RUSH
NEW MEXICO
8894
REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate Number

XTO ENERGY INC.

Berger #6S
APD Data
September 22, 2007

Location: 1130' FNL x 1890' FWL Sec 22, T26N, R11W **County**: San Juan **State**: New Mexico
Bottomhole Location: 1952' FNL x 660' FEL Sec 22, T26N, R11W

GREATEST PROJECTED TVD: 1583'
GREATEST PROJECTED MD: 2780'
OBJECTIVE: Fruitland Coal

APPROX GR ELEV: 6323'
Est KB ELEV: 6335' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 225'	225' to 1855'	1855' to TD
HOLE SIZE	12.25"	8.75"	6.125"
MUD TYPE	FW/Spud Mud	FW/Polymer	Air/Mist
WEIGHT	8.6-9.0	8.4-8.8	NA
VISCOSITY	28-32	28-32	NA
WATER LOSS	NC	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. Use Fruitland Coal produced water as make-up water for mist fluid. Pump enough fluid to dampen vibration at directional BHA. If directional control is not maintainable in air/mist environment convert to polymer mud.

2. CASING PROGRAM:

Surface Casing: 9.625" casing to be set at ± 225' 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[1]	SF Burst[2]	SF Ten[3]
0'-225'	225'	36.0#	J-55	ST&C	2020	3520	394	8.921	8.765	18.76	32.7	48.6

Intermediate Casing: 7" casing to be set at ±1855' MD, 1583' TVD in 8.75" 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[1]	SF Burst[2]	SF Ten[3]
0'-1855	1855'	23.0#	J-55	ST&C	3270	4360	284	6.276	6.151	4.31	5.76	6.65

Production Casing: 4.5" casing to be set at ±2780' MD, 1583' TVD in 6.125" 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[1]	SF Burst[2]	SF Ten[3]
1855'-2780'	925'	10.5	J-55	ST&C	4010	4790	132	4.052	3.927	5.79	6.93	13.6

[1]Collapse SF is based on evacuated annulus and hydrostatic at TVD.
[2]Burst SF is based on evacuated casing and hydrostatic at TVD.
[3]Tensile SF is based on hanging air weight of casing in a vertical hole at measured depth.

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 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. Production Casing: 7", 23#/ft, J-55, ST&C casing to be set at ±1855'MD, 1583' TVD in 8.75" hole.

LEAD:
± 110 sx of Premium Lite FM or CBM Lite typically containing accelerator, LCM, dispersant, and fluid loss additives at 12.1 ppg, 2.22 ft^3/sk, & 12.04 gal wtr/sk.

TAIL:
± 100 sx of Type III or V cement typically containing accelerator, LCM, dispersant, and fluid loss additives at 14.2 ppg, 1.48 ft^3/sk, & 7.34 gal wtr/sk.

Total estimated slurry volume for the 7" production casing is 391 ft^3.

C. Production Liner: 4.5", 10.5#/ft, J-55, ST&C casing is to be set at 2680' MD, 1483' TVD in 6.125" hole.

The production liner will be set using an uncemented liner hanger. The liner may be tied back to surface during the completion of the well.

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

5. LOGGING PROGRAM:

A. Mud Logger: A geologic consultant or unmanned mud logging unit will begin logging the well once the surface shoe is drilled out and remain on the well to TD.

B. Open Hole Logs as follows: Gamma Ray from Surface shoe to TD.

6. FORMATION TOPS:

Please see attached directional plan.

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

7. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-564-6734	505-330-6902
Jerry Lacy	Drilling Superintendent	505-566-7917	505-320-6543
John Klutsch	Project Geologist	817-885-2800	--

JWE
9/22/07

XTO Energy

San Juan Basin (NAD 83)
Berger #6S
Berger #6S
Berger #6S

Plan: Sundry'd Wellbore

Standard Planning Report

22 September, 2007

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well Berger #6S
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6335.0ft (AWS #507)
Project:	San Juan Basin (NAD 83)	**MD Reference:**	Rig KB @ 6335.0ft (AWS #507)
Site:	Berger #6S	**North Reference:**	True
Well:	Berger #6S	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Berger #6S		
Design:	Sundry'd Wellbore		

Project San Juan Basin (NAD 83), San Juan Co , NM, Directional wells in T30N, R12W (NAD 83)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site Berger #6S, T26N, R11W

Site Position:		**Northing:**	1,993,198 28 ft	**Latitude:**	36° 28' 39 432 N
From:	Lat/Long	**Easting:**	2,675,900 79 ft	**Longitude:**	107° 59' 37 860 W
Position Uncertainty:	0 0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.10 °

Well Berger #6S, Fruitland Coal Horizontal Well

Well Position	**+N/-S**	0 0 ft	**Northing:**	1,993,198 28 ft	**Latitude:**	36° 28' 39 432 N
	+E/-W	0 0 ft	**Easting:**	2,675,900 79 ft	**Longitude:**	107° 59' 37 860 W
Position Uncertainty		0 0 ft	**Wellhead Elevation:**	6,323 0 ft	**Ground Level:**	6,323 0 ft

Wellbore Berger #6S

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	8/7/2007	10 41	63 29	51,003

Design Sundry'd Wellbore

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.0	0 0	0 0	236 05

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 0	0 00	0.00	0 0	0 0	0 0	0 00	0 00	0 00	0 00	
710 0	0 00	0 00	710 0	0 0	0 0	0.00	0 00	0 00	0.00	
711 0	0 05	236 05	711 0	0 0	0 0	5 00	5.00	0 00	236 05	
1,510 0	40 00	236 05	1,446 6	-149 7	-222.4	5 00	5 00	0 00	0 00	Berger #6S
1,511 0	40 15	236 05	1,447 3	-150 1	-222 9	15 00	15 00	0 00	0 00	
1,843 3	90 00	236 05	1,583 0	-313 1	-465 1	15 00	15.00	0 00	0 00	Berger #6S
2,781 8	90 00	236 05	1,583.0	-837 3	-1,243 6	0 00	0 00	0 00	0 00	Berger #6S

XTO Energy, Inc.

Planning Report

Database:	EDM 2003 14 Single User Db	**Local Co-ordinate Reference:**	Well Berger #6S
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6335 0ft (AWS #507)
Project:	San Juan Basin (NAD 83)	**MD Reference:**	Rig KB @ 6335 0ft (AWS #507)
Site:	Berger #6S	**North Reference:**	True
Well:	Berger #6S	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Berger #6S		
Design:	Sundry'd Wellbore		

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 0	0.00	0.00	0 0	0 0	0 0	0 0	0 00	0.00	0 00
100.0	0 00	0 00	100 0	0 0	0 0	0 0	0 00	0.00	0.00
200 0	0 00	0 00	200 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"									
300 0	0 00	0 00	300 0	0 0	0 0	0 0	0 00	0.00	0 00
400 0	0 00	0 00	400 0	0 0	0 0	0 0	0 00	0 00	0 00
500 0	0 00	0 00	500 0	0 0	0 0	0 0	0 00	0.00	0 00
549 0	0 00	0.00	549 0	0.0	0 0	0 0	0 00	0 00	0 00
Ojo Alamo SS									
600 0	0.00	0.00	600 0	0 0	0 0	0.0	0 00	0 00	0.00
654 0	0 00	0 00	654 0	0.0	0 0	0.0	0 00	0 00	0 00
Kirtland Shale									
700 0	0 00	0 00	700 0	0.0	0 0	0 0	0 00	0.00	0 00
710 0	0 00	0 00	710 0	0 0	0 0	0 0	0 00	0 00	0 00
711 0	0 05	236 05	711 0	0 0	0 0	0 0	5 00	5 00	0 00
800 0	4 50	236 05	799 9	-2 0	-2 9	3 5	5 00	5 00	0 00
900 0	9 50	236 05	899 1	-8 8	-13 0	15 7	5 00	5 00	0 00
1,000 0	14.50	236 05	996 9	-20 4	-30 3	36 5	5 00	5 00	0 00
1,048 9	16 95	236 05	1,044 0	-27 8	-41 3	49 8	5 00	5 00	0 00
Fruitland Formation									
1,100 0	19 50	236 05	1,092 5	-36 7	-54 5	65.7	5 00	5 00	0 00
1,200 0	24 50	236 05	1,185 2	-57 6	-85 6	103 2	5 00	5 00	0 00
1,300 0	29.50	236 05	1,274 3	-83 0	-123 2	148 6	5 00	5.00	0 00
1,400.0	34 50	236 05	1,359 1	-112 6	-167 2	201 5	5 00	5 00	0 00
1,500 0	39 50	236 05	1,438 9	-146 2	-217 1	261 7	5 00	5 00	0 00
1,510 0	40 00	236 05	1,446 6	-149 7	-222 4	268 1	5 00	5.00	0 00
Berger #6S									
1,511 0	40 15	236 05	1,447 3	-150 1	-222 9	268 7	15 00	15 00	0 00
1,525 0	42 25	236 05	1,457 9	-155 2	-230 6	278 0	15 00	15 00	0 00
1,550 0	46 00	236 05	1,475 8	-164 9	-245 0	295 4	15 00	15 00	0 00
1,575 0	49 75	236 05	1,492 6	-175 3	-260 4	313 9	15 00	15 00	0 00
1,600 0	53 50	236 05	1,508 1	-186 2	-276 6	333 5	15 00	15 00	0.00
1,625 0	57 25	236 05	1,522 3	-197 7	-293 7	354 1	15 00	15 00	0 00
1,650 0	61 00	236 05	1,535 1	-209 7	-311 5	375 5	15 00	15 00	0 00
1,675 0	64 75	236 05	1,546 5	-222.1	-330 0	397 8	15 00	15 00	0 00
1,700 0	68 50	236 05	1,556 4	-235 0	-349 0	420 7	15 00	15 00	0 00
1,725 0	72 25	236 05	1,564 8	-248 1	-368 5	444 3	15 00	15 00	0 00
1,750 0	76 00	236 05	1,571 7	-261 5	-388 5	468 3	15 00	15 00	0 00
1,775 0	79 75	236 05	1,576 9	-275 2	-408 7	492 7	15 00	15 00	0.00
1,800 0	83 50	236 05	1,580 6	-289 0	-429 2	517 5	15 00	15.00	0 00
1,825 0	87 25	236 05	1,582 6	-302 9	-449 9	542 4	15 00	15 00	0 00
1,838 9	89 34	236 05	1,583 0	-310 7	-461 5	556 3	15 00	15 00	0 00
Lower Fruitland									
1,843.3	90 00	236 05	1,583 0	-313 1	-465 1	560 7	15 00	15 00	0 00
1,855.0	90.00	236 05	1,583 0	-319 6	-474 8	572 4	0 00	0 00	0 00
7"									
1,900.0	90 00	236 05	1,583 0	-344.8	-512 1	617 4	0 00	0.00	0.00
2,000 0	90 00	236.05	1,583.0	-400.6	-595 1	717.4	0 00	0 00	0 00
2,100.0	90 00	236 05	1,583 0	-456 5	-678 0	817 4	0 00	0 00	0 00
2,200 0	90 00	236.05	1,583 0	-512 3	-761 0	917 4	0 00	0 00	0 00
2,300.0	90 00	236 05	1,583.0	-568.2	-843.9	1,017 4	0 00	0.00	0.00
2,400 0	90.00	236.05	1,583 0	-624 0	-926 9	1,117 4	0 00	0.00	0 00

XTO Energy, Inc.

Planning Report

Database:	EDM 2003 14 Single User Db	**Local Co-ordinate Reference:**	Well Berger #6S
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 6335 0ft (AWS #507)
Project:	San Juan Basin (NAD 83)	**MD Reference:**	Rig KB @ 6335.0ft (AWS #507)
Site:	Berger #6S	**North Reference:**	True
Well:	Berger #6S	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Berger #6S		
Design:	Sundry'd Wellbore		

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)
2,500.0	90 00	236 05	1,583 0	-679 9	-1,009 8	1,217.4	0.00	0 00	0.00
2,600 0	90 00	236 05	1,583 0	-735 7	-1,092.8	1,317 4	0 00	0 00	0 00
2,700.0	90 00	236 05	1,583 0	-791 6	-1,175.7	1,417 4	0 00	0 00	0 00
2,780 0	90 00	236 05	1,583 0	-836 2	-1,242 1	1,497 4	0 00	0 00	0 00
4 1/2"									
2,781 8	90 00	236 05	1,583 0	-837 3	-1,243 6	1,499 2	0 00	0 00	0 00

Targets

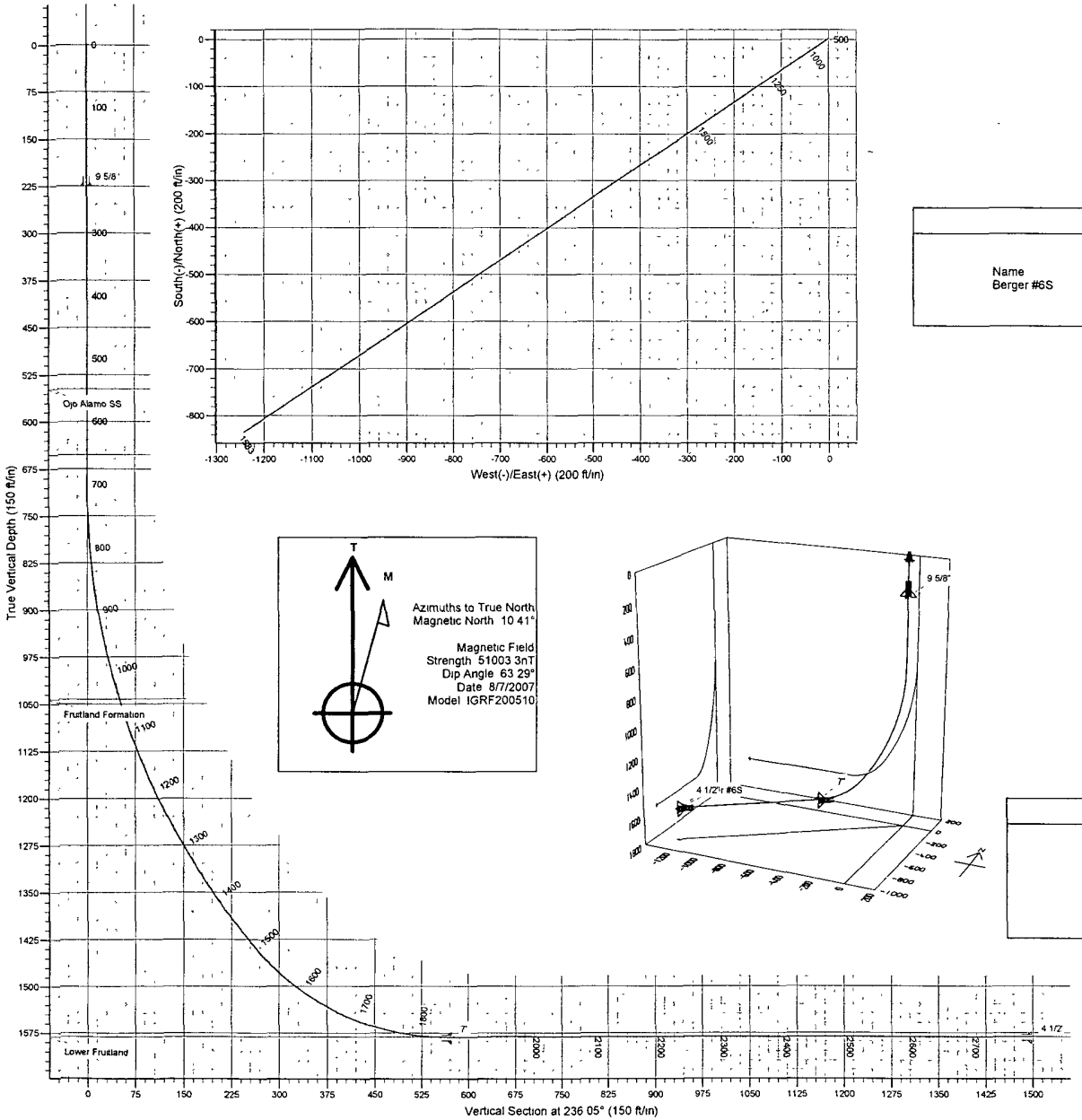
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Berger #6S - plan hits target - Point	0 00	0 00	1,583 0	-837 3	-1,243 6	1,992,363 09	2,674,655 76	36° 28' 31 152 N	107° 59' 53 088 W

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
1,855 0	1,583 0	7"	7	8-3/4
2,780 0	1,583 0	4 1/2"	4-1/2	6-1/8

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
549 0	549 0	Ojo Alamo SS	Sandstone	0 00	
654 0	654 0	Kirtland Shale	Shale	0 00	
1,048 9	1,044 0	Fruitland Formation		0 00	
1,838 9	1,583 0	Lower Fruitland	Coal	0 00	



XTO ENERGY

Well Name	Berger #6S
Plan Description	5 deg/100' to 40 deg & build 15 deg/100' to TVD

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Berger #6S	1583 0	-837 3	-1243 6	36° 28' 31 152 N	107° 59' 53 088 W	Point

Project	San Juan Basin (NAD 83)
Site	Berger #6S
Well	Berger #6S
Wellbore	Berger #6S
	Sundry'd Wellbore

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
549 0	549 0	Ojo Alamo SS
654 0	654 0	Kirtland Shale
1044 0	1048 9	Fruitland Formation
1583 0	1838 9	Lower Fruitland

CASING DETAILS

TVD	MD	Name	Size
225 0	225 0	9 5/8"	9-5/8
1583 0	1855 0	7"	7
1583 0	2780 0	4 1/2"	4-1/2

PROJECT DETAILS. San Juan Basin (NAD 83)

Geodetic System	US State Plane 1983
Datum	North American Datum 1983
Ellipsoid	GRS 1980
Zone	New Mexico Western Zone
System Datum	Mean Sea Level

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0 0	0 00	0 00	0 0	0 0	0 0	0 00	0 00	0 0	
2	710 0	0 00	0 00	710 0	0 0	0 0	0 00	0 00	0 0	
3	711 0	0 05	236 05	711 0	0 0	0 0	5 00	236 05	0 0	
4	1510 0	40 00	236 05	1446 6	-149 7	-222 4	5 00	0 00	268 1	Berger #6S
5	1511.0	40 15	236 05	1447 3	-150 1	-222 9	15 00	0 00	268 7	
6	1843 3	90 00	236 05	1583 0	-313 1	-465 1	15 00	0 00	560 7	Berger #6S
7	2781 8	90 00	236 05	1583 0	-837 3	-1243 6	0 00	0 00	1499 2	Berger #6S