

Submit 3 Copies To Appropriate District Office

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 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103

May 27, 2004

RCVD DEC 20 2006

OIL CONS. DIV.

DIST. 3

WELL API NO.

30-045-34065

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Danburg Gas Com B

8. Well Number #1F

9. OGRID Number

5380

10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

2. Name of Operator

XTO ENERGY INC.

3. Address of Operator

2700 FARMINGTON AVE, SUITE K-1, FARMINGTON, NM 87401

4. Well Location

Unit Letter H : 1415 feet from the NORTH line and 240 feet from the EAST line

Section 21 Township 30N Range 12W NMPM County SJ

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

5628' GROUND ELEVATION

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls: Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☒

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ADD BOTTOM HOLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

XTO Energy, has decided to drill this well directionally. Please see attached revised drilling program and plat.

Surf: 1415' FNL x 240' FEL Sec 21, T30N, R12W

BH: 2000' FNL x 700' FEL Sec 21, T30N, R12W

HOLD C104 FOR directional survey + BH survey

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Kyla Vaughan TITLE Regulatory Compliance Tech DATE 12/19/06

Type or print name Kyla Vaughan E-mail address: kyla_vaughan@xtoenergy.com Telephone No. 564-6726

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #1 DATE DEC 20 2006

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED
REPLY

¹ API Number 30-045-34065		² Pool Code 71599	³ Pool Name Basin Dakota (prorated gas)
⁴ Property Code 22677	⁵ Property Name DANBURG GAS COM B		⁶ Well Number 1F
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.		⁹ Elevation 5628'

¹⁰ Surface Location

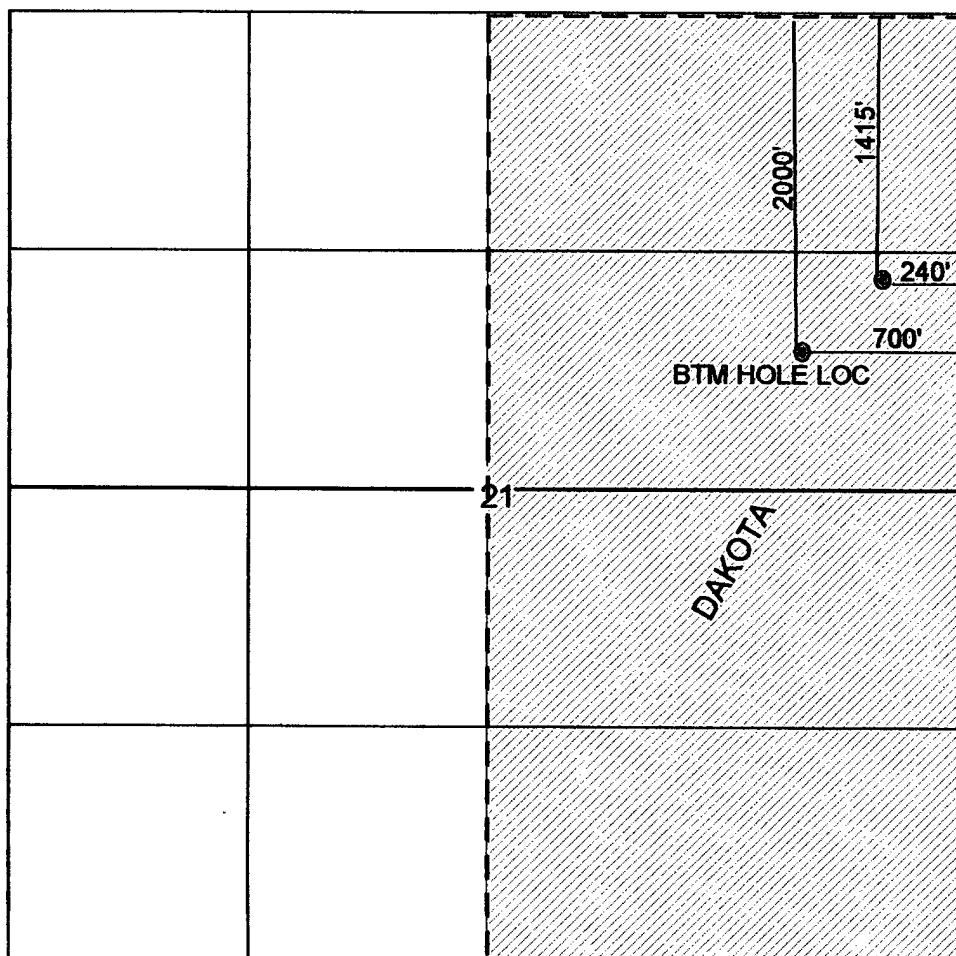
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	21	30N	12W		1415	NORTH	240	EAST	SAN JUAN

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
H	21	30N	12W		2000	NORTH	700	EAST	SAN JUAN

¹² Dedicated Acres 320	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



OPERATOR CERTIFICATION

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

Holly C Perkins
Signature

Holly C. Perkins

Printed Name

Regulatory Compliance Tech

Title

12/6/2006

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.

10/20/2005

Date of Survey

Original Survey Signed By:

John A. Yukonich

Certificate Number

14831

XTO ENERGY INC.

Danburg Gas Com B #1F

APD Data

December 18, 2006

Location: 1415' FNL x 240' FEL Sec 21, T30N, R12W County: San Juan

State: New Mexico

Bottomhole Location: 2000' FNL x 700' FEL Sec 21, T30N, R12W

GREATEST PROJECTED TD: 6865'

OBJECTIVE: Dakota

APPROX GR ELEV: 5628'

Est KB ELEV: 5640' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 2500'	2500' to 6865
HOLE SIZE	12.25"	7.875"	7.875"
MUD TYPE	FW/Spud Mud	FW/Polymer	LSND / Gel Chemical
WEIGHT	8.6-9.0	8.4-8.8	8.6- 9.20
VISCOSITY	28-32	28-32	45-60
WATER LOSS	NC	NC	8-10

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 ($\pm 6865'$) in 7.875" 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'-6865	6865'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.23	1.46	1.90

Note: Tensile safety factor based on unbuoyed vertical well conditions, collapse and burst safety factors based on 9.2 ppg mud at TVD with no backup.

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.

214 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft³/sk, & 6.70 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 $\pm 6865'$ in 7.875" hole. DV Tool set @ $\pm 4150'$

1st Stage

LEAD:

± 213 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5 ppg, 2.01 ft³/sk, 10.55 gal wtr/sx.

TAIL:

150 sx Type III or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 14.2 ppg, 1.54 cuft/sx, 8.00 gal/sx.

2nd Stage

LEAD:

± 345 sx of Type III or equivalent cement with 8% gel & LCM mixed at 11.9 ppg, 2.54 ft³/sk, 15.00 gal wtr/sx.

TAIL:

100 sx Type III neat mixed at 14.5 ppg, 1.39 cuft/sx, 6.3 gal/sx.

Total estimated slurry volume for the 5-1/2" production casing is 1675 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: The mud logger will come on at 2,900' 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 (6865') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6865') to 3,000'.

6. **FORMATION TOPS:**

Est. KB Elevation: 5640'

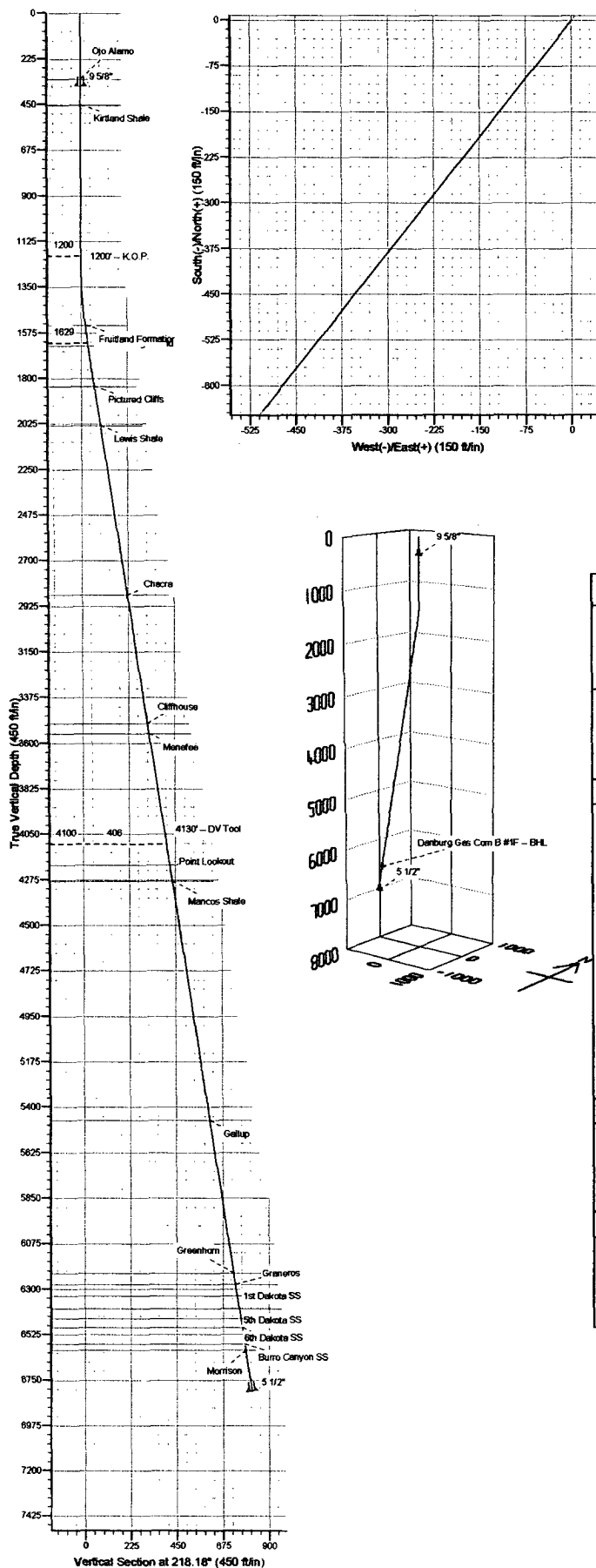
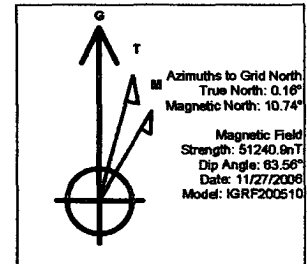
Please see attached directional plan.

**** 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
12/18/06



WELL DETAILS: Danburg Gas Com B #1F				
Ground Level:	0.0			
	-1415.0 FNL			
	-240.0 FEL			
Name	TVD	+N-S	+E-W	Shape
Danburg Gas Com B #1F - BHL	6332.0	-585.0	-480.0	Point
Project: T30N, R12W				
Site: Danburg Gas Com B #1F				
Well: Danburg Gas Com B #1F				
Wellbore: Danburg Gas Com B #1F - Slant				
Slant Well to BHL				
FORMATION TOP DETAILS				
TVDPathMDPath	Formation			
324.0 324.0	Ojo Alamo			
452.0 452.0	Kirtland Shale			
1538.0 1538.8	Fruitland Formation			
1638.0 1639.7	Lower Fruitland Coal			
1838.0 1842.0	Pictured Cliffs			
2032.0 2038.2	Lewis Shale			
2887.0 2882.7	Chacra			
3502.0 3525.0	Cliffhouse			
3552.0 3575.5	Menefee			
4202.0 4232.9	Point Lookout			
4281.0 4312.8	Mancos Shale			
5485.0 5810.3	Gallup			
6220.0 6273.9	Greenhorn			
6278.0 6330.6	Graneros			
6332.0 6387.2	1st Dakota SS			
6397.0 6452.9	3rd Dakota SS			
6448.0 6502.5	5th Dakota SS			
6490.0 6547.0	6th Dakota SS			
6570.0 6627.9	Burro Canyon SS			
6600.0 6658.2	Morrison			
CASING DETAILS				
TVD	MD	Name	Size	
380.0	380.0	9 5/8"	9-5/8	
6804.4	6865.0	5 1/2"	5-1/2	
PROJECT DETAILS: T30N, R12W				
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				

SECTION DETAILS									
MD	Inc	Asi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
0.0	0.00218.18	0.0	0.0	0.0	0.0	0.00	0.00	0.0	
1200.0	0.00218.18	1200.0	0.0	0.0	0.0	0.00	0.00	0.0	
1630.4	8.61218.18	1628.8	-25.4	-19.9	2.00	0.00	0.00	32.3	
6387.2	8.61218.18	6332.0	-585.0	-480.0	0.00	0.00	0.00	744.2	Danburg Gas Com B #1F - BHL
6866.8	8.61218.18	6806.0	-641.4	-504.3	0.00	0.00	0.00	815.9	