

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.

207 MAR 27 AM 10:36

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO Energy Inc.

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington,

3b. Phone No. (include area code)

505-324-1090

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

SHL: 1740' FNL x 1190' FEL in Sec 31, T28N, R10W

EHL: 2200' FNL x 700' FEL in Sec 31, T28N, R10W

5. Lease Serial No.

SE-077315

6. If Indian, Allottee or Tribe Name

N/A

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

NNM73835 DK

8. Well Name and No.

MARTIN GAS COM B #1F

9. API Well No.

30-045-34091

10. Field and Pool, or Exploratory Area

EASTIN DAKOTA/EASTIN 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☒ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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.)

XTO Energy, Inc. has decided to add a Bottom hole and drill this well directionally. Please see attached revised plat and drilling program.



HOLD ON FOR directional survey

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

Name (Printed/Typed)

Kyla Vaughan

Title

Regulatory Compliance Tech

Date

03/27/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvers

Title

Petroleum Engineer

Date

4/3/2007

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, 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.

NMOC

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 October 12, 2005
Submit to Appropriate District Office
Fee Lease - 3 Copies
State Lease - 4 Copies

RECEIVED
207 MAR 22 2007
210 FARMINGTON NM

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34091	² Pool Code	³ Pool Name Basin Dakota / Basin Mankas
⁴ Property Code	⁵ Property Name MARTIN GAS COM B	⁶ Well Number 1F
⁷ OGRID No. 5380	⁸ Operator Name XTO Energy, Inc.	⁹ Elevation 5834

¹⁰ Surface Location


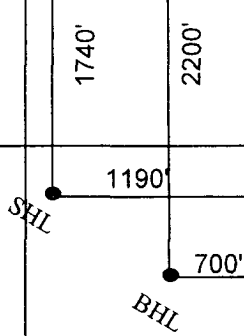
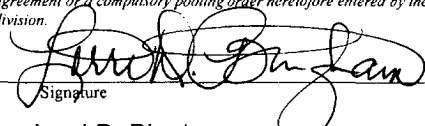
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	31	28N	10W		1740	NORTH	1190	EAST	SAN JUAN

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	31	28N	10W		2200	NORTH	700	EAST	SAN JUAN

¹² Dedicated Acres E/2 320	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

	LAT: 36.62128" N (NAD 83) LONG: 107.93200" W (NAD 83) LAT: 36°37'16.6" N (NAD 27) LONG: 107°55'53.0" W (NAD 27) 31		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true & complete to the best of my knowledge & 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.  Signature
			Lorri D. Bingham Printed Name
			Regulatory Compliance Tech Title
			3/27/07 Date
			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 & correct to the best of my belief. 6/23/1984 Date of Survey Original Survey Signed By: John A. Vukonich 14831 Certificate Number

XTO ENERGY INC.

Martin Gas Com B #1F

APD Data

March 7, 2007

Location: 1740' FNL x 1190' FEL Sec 31, T28N, R10W County: San Juan

State: New Mexico

Bottomhole Location: 2200' FNL x 700' FEL Sec 31, T28N, R10W

GREATEST PROJECTED TD: 6700'

OBJECTIVE: Basin Dakota

APPROX GR ELEV: 5834'

Est KB ELEV: 5846' (12' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 360'	360' to 2500'	2500' to 6749'
HOLE SIZE	12.25"	8.75"	8.75"
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 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 26.0 #	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 ($\pm 6749'$) 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	SF Burst	SF Ten
0'-6749'	6749'	15.5#	J-55	ST&C	4040	4810	202	4.950	4.825	1.26	1.50	1.95

3. WELLHEAD:

- Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 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 ²⁴ ϕ .625" 36.0# J-55, ST&C casing to be set at $\pm 360'$ in 12-1/4" hole.

176 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 245 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 $\pm 6700'$ in 8.75" hole. DV Tool set @ $\pm 4100'$

1st Stage

LEAD:

± 353 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:

± 504 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 2360 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 used, 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 if a mud logger is utilized.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (6700') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (6700') to 3,000'.

6. **FORMATION TOPS:**

Est. KB Elevation: 5846'

Please see directional plan for estimated formation tops.

**** 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
3/7/07

XTO Energy

San Juan Basin (NAD 83)

Martin Gas Com B #1F

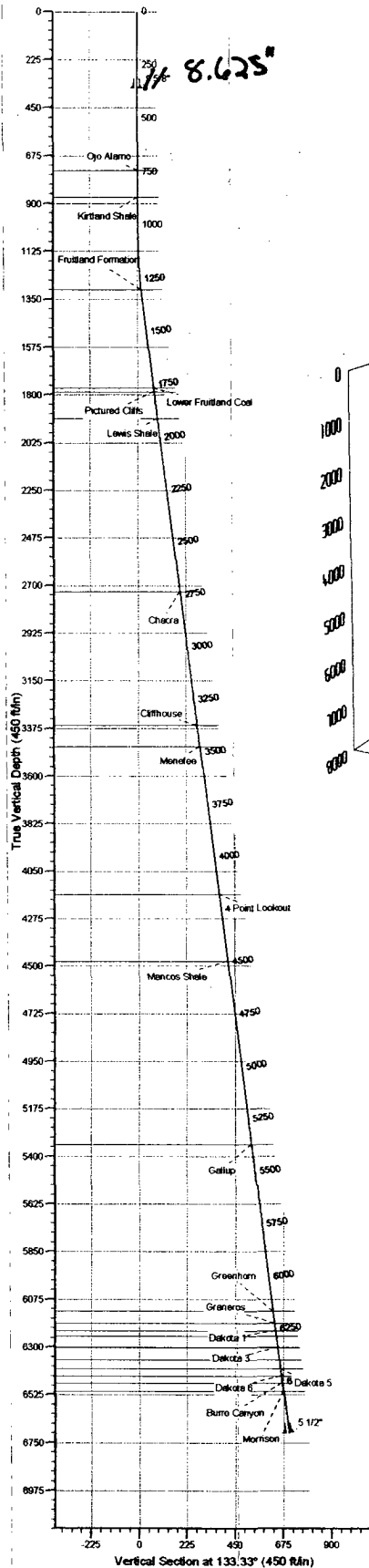
Martin Gas Com B #1F

Original Wellbore

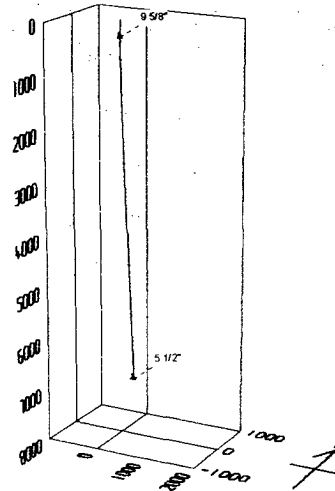
Plan: Plan #1

Standard Planning Report

07 March, 2007



Well Name: Martin Gas Com B #1F					
Ground Level: 5834.0					
Surface Location: -1740.0 FNL -1190.0 FEL					
Name	TVD	+N-S	+E-W	Latitude	Longitude
Martin Gas Com B #1F BHL @ Top of Morrison	6507.0	-462.3	490.1	36° 37' 12.036 N	107° 55' 49.188 W
Shape: Circle (Radius: 28.0)					

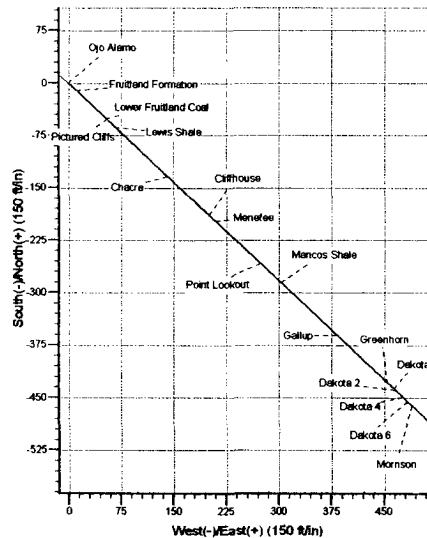


Project:	San Juan Basin (NAD 83)
Site:	Martin Gas Com B #1F
Well:	Martin Gas Com B #1F
Wellbore:	Original Wellbore
Plan #1	

FORMATION TOP DETAILS	
TVD	MD
744.0	744.0
870.0	870.0
1304.0	1304.0
1767.0	1767.0
1786.0	1786.0
1912.0	1912.0
2727.0	2727.0
3359.0	3359.0
3460.0	3460.0
4160.0	4160.0
4477.0	4477.0
5344.0	5344.0
6131.0	6131.0
6187.0	6187.0
6224.0	6224.0
6248.0	6248.0
6304.0	6304.0
6361.0	6361.0
6402.0	6402.0
6438.0	6438.0
6470.0	6470.0
6507.0	6507.0

CASING DETAILS	
TVD	MD
360.0	360.0
6701.5	6745.0

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	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
21000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.00	0.0
31360.4	7.21	133.33	1359.5	-15.5	16.5	2.00	133.33	22.6	
46549.0	7.21	133.33	6507.0	-462.3	490.1	0.00	0.00	673.7	Martin Gas Com B #1F BHL @ Top of Morrison
56749.0	7.21	133.33	6705.4	-479.6	508.3	0.00	0.00	698.8	

