

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0137
Expires July 31, 2010

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.

OCT 16 2009

SUBMIT IN TRIPLICATE - Other instructions on page 2

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF-077315
2 Name of Operator XTO Energy Inc.		6 If Indian, Allottee or Tribe Name N/A
3a Address 382 CR 3100 AZTEC, NM 87401	3b Phone No (include area code) 505-333-3100	7 If Unit or CA/Agreement, Name and/or No NMM-73835 -DK
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1740' FNL & 1190' FEL SENE SEC. 31 (H) -T28N-R10W N.M.P.M. BHL: 2219' FNL & 679' FEL SENE SEC. 31 (H) -T28N-R10W N.M.P.M.		8. Well Name and No MARTIN GAS COM B #1F
		9 API Well No. 30-045-34091
		10 Field and Pool, or Exploratory Area BASIN DAKOTA
		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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>RC BASIN</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>MANCOS</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recomplate 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 recomplate this well to the Basin Mancos per the attached procedure and C102 Plat.

A Communitization Agreement is required for the Mancos Formation.

RCVD OCT 21 '09
OIL CONS. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) TEENA M. WHITING		Title REGULATORY COMPLIANCE TECHNICIAN
Signature <i>Teena M. Whiting</i>		Date 10/15/2009
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by <i>Wayne Counsell</i>	Title <i>Pet. Eng.</i>	Date 10/19/09
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.		

**MARTIN GAS COM B #1F
MANCOS COMPLETION
SEC 31, T28N, R10W
SAN JUAN CO., NM**

RNL _____
TJF _____
DLC _____

AFE # / Acct Code: 804220/74744(MC)

Prod. Csg: 5-1/2", 15.5#, J-55 csg @ 6,761'.
Capacity = 0.0238 bpf or 0.9997 gpf
PBTD: 6,716'
Tbg: 2-3/8" tbg, SN, NC. EOT @ 6,334'
Perfs: DK: 6,228'-6,459'

Procedure:

1. Set 3 - 400 bbl frac tnks & 1 flowback tnk. Fill frac tnks w/2% KCl wtr. **NOTE:** Have frac co. test wtr for compatibility prior to frac & add biocide. Heat wtr in the frac tnks so that wtr temperature @ frac time is $\pm 80^{\circ}$ F. Hot oil trk must be clean to avoid contaminating the frac wtr.
2. MIRU PU. ND WH. NU BOP. TOH w/tbg.
3. ND BOP. NU 5,000 psig frac valve. RDMO PU.
4. MIRU WL trk & mast trk.
5. RIH w/ CBP & set plug +/- @ 6,175' (Collars @ 6,197' & 6,153'). POH & LD setting tl.
6. Press tst 5-1/2" csg to 3,850 psig for 5".
7. Perf MC w/3-1/8" csg gun loaded Owen HSC-3125-302 charges or equivalent performance charges (10 gm, 0.34" EHD, 21.42" pene, ttl 20 holes)

Perf	CCL	Perf	CCL	Perf	CCL	Perf	CCL
5,696'		5,642'		5,594'		5,534'	
5,683'		5,640'		5,592'		5,532'	
5,666'		5,616'		5,590'		5,524'	
5,656'		5,612'		5,576'		5,508'	
5,649'		5,610'		5,574'		5,506'	

8. RDMO WLU & Mast trk.
9. MIRU N2 frac & acid equip.

10. BD perfs. EIR w/2% KCl wtr. Max press 3,850 psig. Switch to acid. Acidize MC perfs fr/5,506'- 5,696' w/1,500 gals 15% NEFE HCl acid (FE control, surf & CI additives) + 35 - 7/8" 1.1 SG Green Bio balls. Flush acid 3 bbls past btm perf w/139 bbls 2% KCl wtr or until ball off. Pump flush @ ± 12 BPM. Record ISIP, 5". Surge off balls.
11. Frac MC perfs fr/5,506'- 5,696' down 5-1/2" csg w/64,000 gals 70Q foamed 20# XL gelled (Delta 140) 2% KCl water carrying 107,000# sd (86,000# 20/40 BASF sd + 21,000# 20/40 Super LC resin coated sd). Flush w/70Q N2 foamed XL frac fluid & unfoamed gel wtr. Total flush volume 5,420 gals (2 bbls short of top perf). Est TP 2,500 psig. Pmp frac @ 35 BPM. MaxTP @ 3,850 psig. Frac schedule:

Stage	Stage Vol.	Fluid	Stage Proppant	Cum Proppant
Load	-	2% KCl wtr	-	-
Acid	1,500 gals	15% NEFE HCl	-	-
Flush	5,838 gals	2% KCL wtr	-	-
Pre-pad	500 gals	70Q XL Foam	-	-
Pad	9,000 gals	70Q XL Foam	-	-
1 ppg	20,000 gals	70Q XL Foam	20,000# 20/40 BASF	20,000#
2 ppg	18,000 gals	70Q XL Foam	36,000# 20/40 BASF	56,000#
3 ppg	10,000 gals	70Q XL Foam	30,000# 20/40 BASF	86,000#
3 ppg	7,000 gals	70Q XL Foam	21,000# 20/40 SLC	107,000#
Flush	4,920 gals	70Q Foam.	-	107,000#
Flush	500 gals	Gel wtr.	-	107,000#
Total Sand 107,000#			64,000gal 70Q N2 Delta 140	

Record ISIP & 5" SIP's. SWI. RDMO frac equip. Leave well SI 4 hrs.

12. RU flowback manifold & flowline to flowback tnk. OWU on 1/4" ck. Have larger ck sizes available. Adjust ck size as needed to unload well w/o bringing excessive sd back. Flow back until sd & N2 cleans up. SWI.
13. Flow tst min 3 hrs on fixed choke for IP tst. Record liq vols, FTP, SICP & choke size. SWI. Report rates and pressures to Ryan Lavergne
14. MIRU PU. ND Frac vlv. NU BOP.
15. TIH w/NC, SN, & +/- 184 jts tbg (5,900'). TIH past MC perfs. CO only if perfs are covered.

16. ND BOP. NU WH. Lay down extra jts & Land EOT @ +/- 5,600'.

17. Swab well until well KO.

18. RDMO PU.

19. Schedule 1st delivery.

Flow well for min of 30 days and apply for DHC. DHC well once approved.

20. MIRU PU. ND WH. NU BOP

21. TOH w/NC, SN & 2-3/8" tbg.

22. TIH w/bit & 2-3/8" tbg. Tag fill if any (Report any fill to Ryan Lavergne). DO CBP @ 6,175'. Clean out to 6,716' (PBSD).

23. TOH w/tbg & bit

24. TIH w/NC, SN & 2-3/8" tbg.

25. ND BOP. NU WH. Land EOT @ +/- 6,325'.

26. RDMO PU.

27. RWTP.

Regulatory Requirements

Recompletion

NOI to RC to MC

Completion Report

Request for Allowable

DHC

Services

AFU

WL truck to perf, run plugs & logs

Acid & frac equip

Equipment List

3 – 400 bbl frac tnks

1 flowback tnk

4-3/4" bit

1 - CBP

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-34091	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 22622	⁵ Property Name MARTIN GAS COM B	
⁷ OGRID No 5380	⁸ Operator Name XTO Energy, Inc.	⁶ Well Number 1F
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	28-N	10-W		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	28-N	10-W		2219'	NORTH	679'	EAST	SAN JUAN

¹² Dedicated Acres MC 320 acres	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

	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
	Printed Name DOLENA JOHNSON
	Title REGULATORY COMP TECH
	Date 10/15/2009
	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
	Date of Survey 6/23/1984
	Original Survey Signed By: John A. Vukovich
	Certificate Number 14831

BLM CONDITIONS OF APPROVAL

WORKOVER AND RECOMPLETION OPERATIONS:

- 1. A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**
- 3. If casing repair operations are needed, obtain prior approval from this office before commencing repairs**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of workover activities.

SPECIAL STIPULATIONS:

- 1. Pits will be fenced during workover operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the workover activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**