Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.
NMSF077875

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
PIPKIN 4R

2. Name of Operator
XTO ENERGY INC

Contact: HOLLY C PERKINS
E-Mail: Regulatory@xtoenergy.com

9. API Well No.
30-045-30353-00-S1

3a. Address
2700 FARMINGTON AVE., BLDG K, SUITE 1
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 505-324-1090
Fx: 505-564-6700

10. Field and Pool, or Exploratory
BASIN DAKOTA
WC Basin Mancos

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 17 T27N R10W SWNW 1390FNL 775FWL

11. County or Parish, and State
SAN JUAN COUNTY, NM

MAY 2005

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
	☐ 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 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 site is ready for final inspection.)

PER THE BLM.

XTO Energy Inc. proposes to ~~temporarily plug back the~~ Dakota, add additional pay in the Mancos and ~~downhole commingle~~ the Mancos and ~~Dakota per attached procedure.~~

BLM

Produce the Mancos

BLM

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #55269 verified by the BLM Well Information System
For XTO ENERGY INC, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 03/23/2005 (05MXH0502SE)

Name *(Printed/Typed)* HOLLY C PERKINS — Title REGULATORY COMPLIANCE TECH

Signature (Electronic Submission) — Date 03/21/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Petr. Eng Date 5/23/05

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 NMOCD

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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

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 REPORT

[2] API Number	[3] Pool Code	[4] Pool Name
30-04530353	97232	WILDCAT BASIN MANCOS

[5] Property Code	[6] Property Name	[7] Well Number
	P.O. PIPKIN	4R

[8] OGRID No.	[9] Operator Name	[9] Elevation
167067	XTO Energy, Inc.	5996'

[10] Surface Location

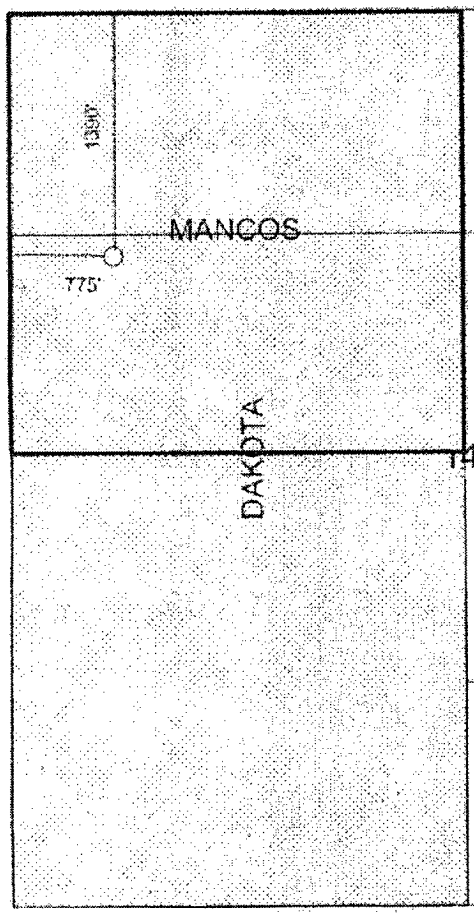
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	17	27N	10W		1390	NORTH	775	WEST	SAN JUAN

[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

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160 nw/4			

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.

Signature

HOLLY C. PERKINS
Printed Name

REGULATORY COMPLIANCE TECH
Title

3/21/2005
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.

8/10/00
Date of Survey

Signature and Seal of Professional Surveyor:
Original signed by Neale C. Edwards

1463 6857
Certificate Number

DHC Not Approved 3/10/05 BW

CWC Cwc 02/10/05
DLM 3/10/05
TWD 3.15.05
BKW BKW 3/10/05
DLC

PO Pipken #4R

1,390' FNL & 775' FWL, Sec 17, T-27-N, R-10-W
San Juan County, New Mexico

PEA PRODUCE THE MANCOS.

~~Plugback~~ Lower Dakota and Commingle Upper Dakota with Mancos

Formation: Dakota / Mancos

Prod Csg: 4-1/2", 10.5#, K-55, ST&C csg @ 6,684'. Cmt'd w/716 sx Lite-Crete (1797 CF) and 202 sxs 50/50 poz Class G w/ 2% gel (286 CF). Circ 60 bbls cmt to surface.

Status: SI Dakota completion due to water produciton.

PEA

Regulatory Requirements/Notifications

- Approval to ~~temporarily plug back~~ the Dakota, add additional pay in the Mancos, and ~~downhole commingle~~ the Mancos and ~~Dakota.~~

PRODUCE THE MANCOS ONLY

Equipment List

- Four (3) 400 bbl frac tanks filled with 2% KCL.
- One (1) flowback tank with lines and choke manifold.
- One (1) 5000# WP tree saver.
- Wireline and mast truck with GR/CCL, junk basket, and perforating guns as specified below.
- Acid bulk truck with 1000 gals 7.5% NEFE HCL, 33-7/8", 1.1sg, RCN balls, and positive feed ball launcher (Halliburton).
- Stimulation equipment for frac job (Halliburton)
- Pulling unit.
- Air package for cleanout.
- Pumping Unit: C-160-200-74 with jack shaft, high speed wiper kit, and GMC Vortec engine.
- Rods: 12 -- 7/8" plain grade "D" rods, 102 – 7/8" grade "D" rods with scrapers, 138 – 3/4" plain grade "D" rods.
- 2" x 1-1/2" x 12' RHAC-Z DV with 10' x 3/4" GAC

PEA

~~Plug Back~~ and Completion Procedure

1. MIRU PU. ND wellhead. NU BOP. TOH tallying and standing back 204 jts 2-3/8" tubing.

2. Round-trip 4-1/2" string mill to 6340'. TIH and set a CIBP at 6340'. TOH.

3. TIH with NC, SN, and +/- 202 jts 2-3/8" tubing to place EOT @ +/- 6,280'.

4. RU swabbing equipment and attempt to swab in upper Dakota perforations. Report results to Chris Clark. Possibly RDMO PU and MIRU SU depending on swabbing results. After swabbing either permanently or temporarily plugback the Dakota.

5. If necessary RDMO SU and MIRU PU. ND wellhead. NU BOP. TOH tallying and standing back +/- 202 jts 2-3/8" tubing.

6. If permanently plugging back the Dakota, TIH and set a CIBP at 6,147'. Load and circulate well clean with 2% KCL and go to step #8. If temporarily plugging back the Dakota, TIH and set a CIBP at 5,800'. Load and circulate well clean with 2% KCL and go to step #9.

7. **Dakota Plug #1 (Dakota perforations, 6147' – 6047'):** With 2 bbls fresh water ahead, spot 15 sxs Type III cement from 6,147' up to 6,047'. Displace plug with 2 bbls fresh water and remaining 2% KCL. PUH to 5900' and reverse circulate at least 1-1/2 tubing volumes or until returns are clean.

8. Wait 12 hrs if cement spotted above. Pressure test casing to 2,000 psig for 30 minutes. Increase pressure to 3,800 psig for 5 minutes. TOH drifting, visually inspecting, and LD tubing. Have tubing hauled to XTO yard for storage prior to re-use. RDMO PU and cement equipment.

9. MI & set 3 – 400 bbl clean frac tanks. Fill tanks w/ 2% KCL. Set 1 flowback tank.

SCHEDULE TO PERFORATE AND ACIDIZE ON THE SAME DAY AS PUMPING THE FRAC.

10. MIRU WH isolation tool and frac equip. Pressure test casing, WH isolation tool, and lines to 3,800 psig for 5 minutes.

11. MIRU WL. Run CCL log fr/5,850 – 4,850' or minimum charge length whichever is greater. Correlate w/Schlumberger Platform Express Array Induction/SP/Gamma Ray log dated 02/03/01 and BWWC CG/CCL dated 02/27/01.

12. Perf Mancos w/3-1/8" select fire csg gun fr/5,541' - 5,711' w/1 JSPF (Owen HSC-3125-302T, 12 gm charges, 0.30" dia holes, 17.48" penetration, 23 holes). POH w/csg gun.

Mancos Perfs

Perf	CCL	Perf	CCL	Perf	CCL
5711		5621		5572	
5709		5618		5558	
5654		5615		5555	
5652		5613		5546	
5647		5607		5541	
5645		5604			
5642		5583			
5639		5580			
5637		5575			

13. RU acid bulk truck with 1000 gallons 7.5% NEFE HCL, lines and positive feed ball launcher loaded with 33 - 7/8", 1.1 sg, RCN balls. Using frac pumps, establish injection into perforations with 2% KCL then swap to acid. Pump 5 BBLS of acid ahead and drop 1 ball every 1/2 BBL in acid. After 1000 gals of acid, swap to 2% KCL and displace at 10 – 12 BPM (do not exceed 3,800 psig). Record ball job on chart and surge well as necessary to over-displace acid by 5 bbls.

14. RIH with junk basket and recover RCN balls and record hits. RDMO WL.

15. RU WH isolation tool and frac equip. Frac Mancos perfs 5,541' – 5,711' dwn 4-1/2" csg @ 35 BPM w/80,000 gals 70Q nitrogen, 20# Delta 200, XL, 2% KCL carrying 130,000# 20/40 Ottawa sd & 40,000# 20/40 Super LC RC sd. Do not exceed 3,800 psig. Flush w/ 3585 gallons 70Q foamed base gel (3 bbls underflush). Record ISIP, 5", 10" & 15" SIP's. Rate will be adjusted pending surface treating pressure. NOTE: MAXIMUM RECORDED BHT ON ARRAY INDUCTION LOG RUN 02/03/01 WAS 137 DEGREES F.

MANCOS SCHEDULE

Clean Volume (Gals)	Rate (BPM)	Sd Conc (ppg)	Total Sand (lbs)	Comments
15,000	35	0	0	Pad
15,000	35	1.0	15,000	20/40 Ottawa
15,000	35	2.0	30,000	20/40 Ottawa
15,000	35	3.0	45,000	20/40 Ottawa
10,000	35	4.0	40,000	20/40 Ottawa
10,000	35	4.0	40,000	20/40 Super LC
3585	20	0	0	Flush – 70Q gel

Note: Do not overflush.

16. SWI 4 hrs. RDMO frac equip & WH isolation tool. Install flow back manifold. OWU on 1/8" ck to flowback well. Incr ck size (not to exceed 1/2"), pending sd & wtr prod.

17. MI +/- 6,400' of 2-3/8" inspected tubing from XTO yard. MIRU PU and AFU. ND WH. NU BOP.

18. TIH with 3-3/4" mill, bit sub, and 2-3/8" tubing. CO to PBTD +/- 6,340' if commingling DK and GA or +/- 5,900' if permanently plugged back the DK.

19. TIH with NC, SN, tubing & land @ ±6,280' if commingling zones or 5,640' if permanently plugging back the Dakota. ND BOP. NU WH.

20. Swb well to flowing. Obtain 3 hr flow test. SWI. RDMO PU.

21. Turn well to sales. Report daily volumes and pressures to Chris Clark.

22. Begin batch treating well for paraffin on a regular schedule.

23. When necessary, MI and set a C 160-200-74 pumping unit with a jack shaft, high speed wiper kit, and GMC Vortec engine. Set unit for 64" stroke (pin hole #2 out of 4), 12 – 7/8" plain grade "D" rods, 90 – 7/8" grade "D" rods with scrapers, 126 – 3/4" plain grade "D" rods, and 2" x 1-1/2" x 12' RHAC-Z DV pump with 10' x 3/4" GAC.

24. MIRU PU. Blow well down and kill as necessary using produced water from the Kutz Federal #2E. ND wellhead and NU BOP.

25. Unseat and LD tubing hanger. TIH with 2-3/8" YB tubing and tag for fill. Report any fill to Chris Clark and clean out as necessary. TOH visually inspecting 2-3/8" tubing.

26. TIH with 30' x 2-3/8" OEMA w/ 1/4" weephole, SN, +/-26 jts 2-3/8" tbg (if commingling) or ±7 jts 2-3/8" tbg (if permanently plugging back the Dakota), Baker TAC and ±177 jts 2-3/8" tubing to surface. Place EOT at +/- 6,330' (if commingling) or at +/-5,750' (if permanently plugging back the Dakota). Set Baker TAC at ±5,500' w/ +/- 15K overpull.

27. TIH with 2" x 1-1/2" x 12' RHAC-Z DV pump with 10' x 3/4" GAC, 1' lift sub, 12 – 7/8" grade "D" rods, 138 (commingled) or 126 (plugged back) – 3/4" grade "D" rods and 102 (commingled) or 90 (plugged back) - 7/8" grade "D" rods to surface (**top section of rods are to have scrapers**).

28. Space out pump and HWO.
29. RDMO PU.
30. Start well pumping at 4 SPM and 66" SL.
31. Continue batch treating well for paraffin on a regular schedule.
32. Report rates and pressures to Chris Clark.