Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
2002 DEC 10 AM 11: 02
070 Farmington, NM

FORM APPROVED
Budget Bureau 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.
NMNM 021125

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.
Ohio E Government #1B

2. Name of Operator
XTO Energy Inc.

9. API Well No.
30-045-30115

3a. Address
2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

3b. PhoneNo. (*include area code*)
505-324-1090

10. Field and Pool, or Exploratory Area
Blanco Mesaverde

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
2020' FNL & 1975' FEL, Sec 18, T31N, R12W

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			
☒ 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 CoommpletedOperation (clearly state all pertinent details, including estimated starting date of any proposed work and approximateduration 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 AbandonmentNotices 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 repair this well via the attached procedure.

JAN 2003
RECEIVED
OIL CONS. DIV.
DIST. 3

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct
Name(*Printed/Typed*)
Darrin Steed

Title
Regulatory Supervisor

Signature: Darrin Steed

Date 12/6/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

NMOCD

XTO Energy Inc.
Workover Procedure

Ohio E Government #1B
2,020' FNL & 1,975' FEL, SEC. 18, T31N, R12W
San Juan County, New Mexico

Formation:	Mesaverde
Production Casing:	4-1/2", 11.5#, J-55, STC csg @ 5,084'. Cmt'd w/1,060 sx cmt.
PBTD	4,992'
Tubing:	NC, SN & 154 JTS 2-3/8", 4.7#, J-55, EUE, 8RD TBG. EOT @ 4,804.51'. SN @ 4,802.76'.
Perforations:	**Meneefe:** 4,139', 41', 48', 63', 4,206', 09', 14', 27', 93', 96', 4,338', 43', 4,414', 16', 31', 34', 39', 45', 67', 75' & 77'. **Point Lookout:** 4,557', 71', 82', 87', 4,601', 09', 13', 21', 50', 63', 87', 94', 4,739', 52', 68', 77', 83', 88', 96', 4,802', 08' & 12'.
Current Status:	PL. 0 BO, 0.7 BW, 90 MCF, FTP 29 psig, SICP 80 psig, LP 23 psig, 24 hrs.
Purpose:	Repair cement on 4-1/2" casing. Bradenhead has shut in pressure of 109 psig and a steady blow of gas after being open for 15 minutes.

1. MI 7 joints 2-3/8", 4.7#, J-55, EUE, 8rd tubing.
2. MIRU PU. NU BOP. TIH and tag for fill. PBTD @ 4,992'. TOH.
3. TIH with RBP for 4-1/2", 11.6# casing and set it at ±3,010'.
4. Load hole with produced water. Pressure test casing to 500 psig.
5. Run GR/CBL/CCL from 3,000' to 1,500' or top of cement if above 1,500'.

   Cement work will be designed based on coverage of cement as determined from CBL. Squeeze holes will be perforated above cement top. If circulation is established, cement will be circulated from squeeze holes to surface. If circulation is not established, a cement squeeze will be attempted though squeeze holes. <u>Prior approval must be obtained from the New Mexico OCD for all cement repair work.</u> Verify procedure with Tom DeLong.
6. Spot 2 sacks sand on top of RBP.

7. Perforate squeeze holes as determined by CBL.

8. TIH with cement retainer for 4-1/2", 11.6# casing and set approximately 50' above squeeze holes. Attempt to establish circulation out bradenhead.

9. Perform cement repair as required. TOH with tubing and WOC.

10. TIH with bit and drill collars. Drill out cement. Pressure test casing to 500 psig. Monitor bradenhead for communication. TOH.

11. TIH with retrieving head to top of RBP and circulate sand off of RBP. Swab well down to approximately 2,500' from surface.

12. Latch on to RBP and TOH.

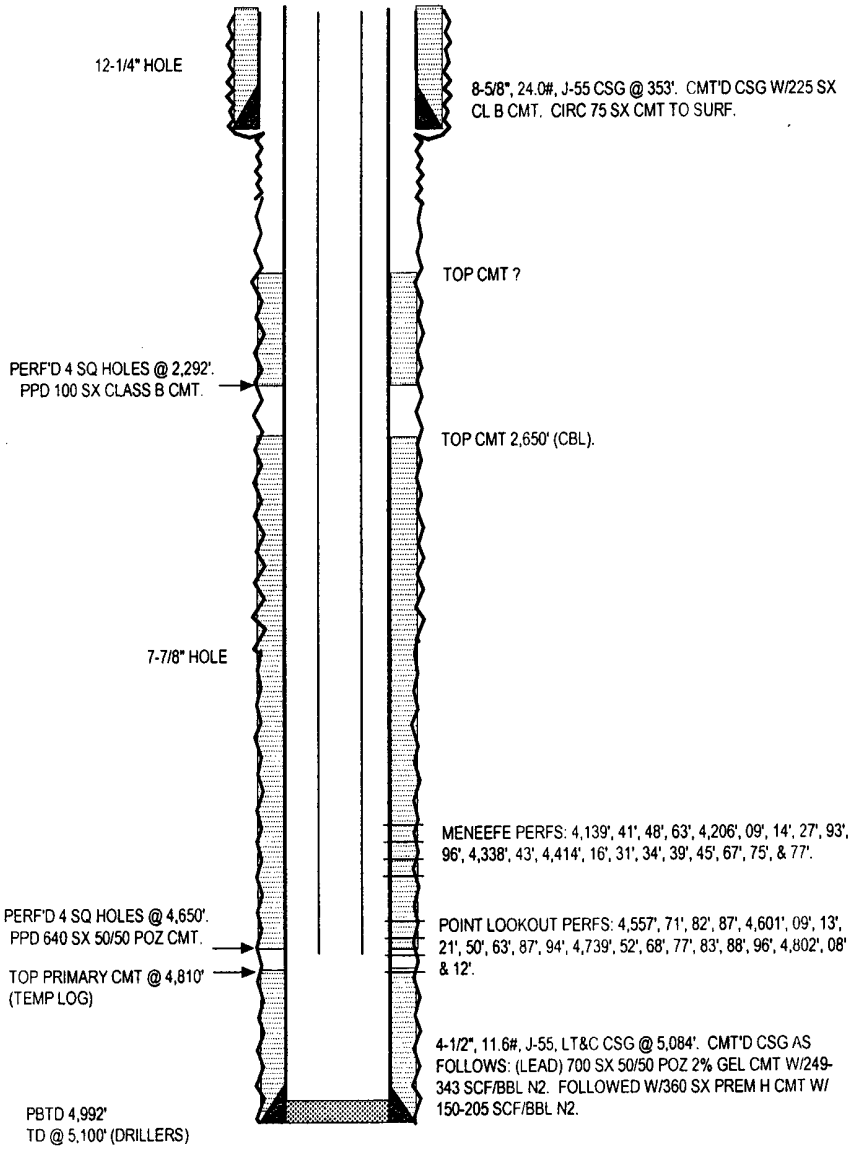
13. If necessary (see step #2), TIH and clean out fill. PBTD at 4,992'. TOH.

14. TIH with NC, SN and 2-3/8" tubing. Land end of tubing at ±4,700'.

15. Swab well if necessary and return to production.

KB: 5,891'
GL : 5,875'
CORR: 16'

OHIO E GOVERNMENT #1B
WELLBORE DIAGRAM



DATA:

LOCATION: 2,020' FNL & 1,975' FEL, SEC. 18, T31N, R12W
COUNTY/STATE: SAN JUAN, NM
FIELD: BLANCO MESAVERDE **OGRID#:** 167067
API #: 30-045-30115 **CTOC ACCTG # :** 78459 **LEASE NO:** NMNM021125
FORMATION: MESAVERDE
SPUD DATE: 03/27/00 **COMPLETION DATE**: 05/03/00
IPF: F. 0 BO, 23 BW, 631 MCF, FTP 75 PSIG, SICP 240 PSIG, 24 HRS.
PRODUCTION METHOD: PL
TUBING STRING: NC, SN & 154 JTS 2-3/8", 4.7#, J-55, EUE, 8RD TBG. EOT @ 4,804.51'. SN @ 4,802.76'.
PERFS: **POINT LOOKOUT** @ 1 SPF W/12.5 GM CHGS @ 4,557', 71', 82', 87', 4,601', 09', 13', 21', 50', 63', 87', 94', 4,739', 52', 68', 77', 83', 88', 96', 4,802', 08' & 12'.
MENEEFE @ 1 SPF W/12.5 GM CHGS @ 4,139', 41', 48', 63', 4,206', 09', 14', 27', 93', 96', 4,338', 43', 4,414', 16', 31', 34', 39', 45', 67', 75', & 77'.

HISTORY:

03/28/00: MIRU KEY DRILLING RIG #23. SPUDDED 12-1/4" HOLE ON 3/27/00. DRLD TO 357'. SET 8-5/8", 24.0#, J-55 CSG @ 353'. CMT'D CSG W/225 SX CL B CMT (15.6 PPG 1.19 CUFT/SX). CIRC 75 SX CMT TO SURF.
04/02/00: LOST CIRC @ 4,628' (850 BBLS). LOST CIRC @ 4,670' (400 BBLS).
04/04/02: DRL'D 7-7/8" HOLE TO 5,100' (TD). RAN OPEN HOLE LOGS.
04/06/02: SET 4-1/2", 11.6#, J-55, LT&C CSG @ 5,084'. CMT'D CSG AS FOLLOWS: (LEAD) 700 SX 50/50 POZ 2% GEL CMT W/249-343 SCF/BBL N2 (2.0 CUFT/SX, 9.5 PPG). FOLLOWED W/360 SX PREM H CMT W/150-205 SCF/BBL N2 (1.36 CUFT/SX, 13 PPG). LOST RETURNS 85 BBLS INTO JOB. REL RIG.
04/07/00: RAN TEMP LOG. TOP OF CMT 4,810'.
04/10/00: PERF'D 4 SQ HOLES @ 4,650'. BROKE CIRC. PPD 640 SX 50/50 POZ CMT W/.2% CFR-3, 0.25 LB/SX FLOCELE, 5 LB/SX GILSONITE, 0.4% HALAD-344, 2% HALL GEL & 0.1% HR-5 (13.5 PPG, 1.38 CUFT/SX). IFF PRESS CALC CMT TOP @ 2,765'.
04/18/00: MIRU PU.
04/19/00: TIH W/BIT. TGD @ 4,409'. DO PLUG & CMT TO 4,671'. TIH TO 4,992'. TOH W/TBG.
04/20/00: RDMO PU. RAN GR/CBL/CCL. TOC @ 2,650'. STRINGERS FR/2,650'-3,750'. POOR BOND 3,750'-4,450'. PERF'D POINT LOOKOUT @ 1 SPF W/3-1/8" SELECT FIRE GUN & 12.5 GM CHGS @ 4,557', 71', 82', 87', 4,601', 09', 13', 21', 50', 63', 87', 94', 4,739', 52', 68', 77', 83', 88', 96', 4,802', 08' & 12'.
04/22/00: MIRU HALLIBURTON & PROTECHNICS. BD PERFS @ 1,255 PSIG. PPD 1,000 GALS 15% FE ACID @ 6 BPM & 300 PSIG. FRAC'D W/601,943 SCF N2, 27,233 GALS 20# LINEAR GEL & 129,151# 20/40 BRADY SD (1-4 PPG). AIR 48 BPM. ATP 2,400 PSIG. MAX TP 3,193 PSIG. ISIP 855 PSIG. 5" SIP 534 PSIG, 10" SIP 386 PSIG. 15" SIP 337 PSIG. TGD SD W/IR-192. RIH W/CIBP & SET @ 4,530'. PERF'D MENEEFE @ 1 SPF W/3-1/8" SELECT FIRE GUN & 12.5 GM CHGS @ 4,139', 41', 48', 63', 4,206', 09', 14', 27', 93', 96', 4,338', 43', 4,414', 16', 31', 34', 39', 45', 67', 75', & 77'. BD PERFS @ 2,699 PSIG. PPD @ 9.3 BPM & 3,900 PSIG. PPD 500 GALS 15% FE ACID. SD FOR 30". BD

@ 2,155 PSIG. PPD @ 28 BPM & 2,800 PSIG. PPD 500 GALS 15% FE ACID @ 5 BPM & 1,230 PSIG. FRAC'D W/501,686 SCF N2, 16,453 GALS 20# LINEAR GEL & 54,449# 20/40 BRADY SD (1-3 PPG). SCREENED OUT ON 3 PPG. FLUSHED TO 2,300'. AIR 33 BPM. ATP 3,400 PSIG. MAX TP 3,871 PSIG. ISIP 2,426 PSIG. TGD SD W/SC-46. FLWD BACK ON 1/4" CK @ 1,500 PSIG. WASHED OUT TEE TWICE. F. 353 BLW, FCP 1,325 – 175 PSIG, 1/4" CK, 10-3/4 HRS. SWI.

04/23/00: SICP 1,250 PSIG.

04/25/00: SICP 1,400 PSIG. MIRU PU. RIH W/JB & GR TO 4,100'. RIH W/WL & SET RBP @ 3,490'. PT TO 2,000 PSIG. TIH W/RET TOOL & 2-3/8" TBG TO 3,431'.

04/26/00: LATCHED ONTO RBP & EQUALIZED. STD FLWG. KILLED WELL. WENT ON VAC. TOH W/RBP. TIH & TGD @ 4,405'. RU AFU. CO TO CIBP @ 4,530'.

04/27/00: SICP 1,300 PSIG. TGD @ 4,484'. CIRC HOLE. TIH W/RBP & PKR. SET RBP @ 4,253' & PKR @ 4,091'. IFL 600' FS. WELL KO. F. 16 BLW, 45". F. 3 – 1 BPH, 204 – 148 MCFPD, FTP 40 – 32 PSIG, 1" CK, 11 HRS.

04/28/00: RESET RBP @ 4,377' & PKR @ 4,247'. IFL @ 600' FS. WELL KO. REC 3 BLW. CONT TO FLW & SWB. FLW TSTD. F. 5 – 1 BLWPH, 450 – 381 MCFPD, FTP 90 PSIG, 1/2" CK, 10 HRS.

04/29/00: TOH W/RBP & PKR. TIH W/BIT. DO CIBP @ 4,530'. CO TO 4,825'.

04/30/02: SICP 800 PSIG. CO TO 4,992' (PBTD). TOH. TIH W/NC, SN & 2-3/8" TBG. TGD @ 4,974'. PUH 15 STDS. RAN AFTER FRAC LOG. TGD @ 4,885'. F. 0 BLW, 810 MCFPD, FCP 60 PSIG, 18/64" CK.

05/02/00: SITP & SICP 700 PSIG. TGD SD @ 4,851' (141' FILL). CO TO 4,992'. CIRC 1.5 HRS. SDF 2 HRS. TGD @ 4,982' (10' FILL).

05/03/00: SICP 640 PSIG. TGD @ 4,991'. LANDED SN @ 4,803'. RDMO PU.

06/22/00: MIRU PU. TOH W/TBG.TIH W/RBP & SET @ 2,712'. PT TO 2,000 PSIG. PERF'D 4 HOLES @ 2,292'. PPD 170 BBLS WTR @ 3.6 BPM & 1,130 PSIG. DID NOT CIRC. PPD 40 BBLS DWN ANNULUS @ 2 BPM & 300 PSIG. NO CIRC. PPD 15 BBLS DWN CSG @ 1.5 BPM & 654 PSIG. NO CIRC. DUMPED 2 SX SD ON RBP.

06/23/00: TIH W/CICR & SET @ 2,218'. PPD @ 1 BPM & 730 PSIG & 2 BPM & 1,000 PSIG. PPD 100 SX CLASS B CMT W/2% CACL & 0.4% HALAD-344. PRESS INC FR/400 TO 900 PSIG. TOH W/TBG.

06/24/00: TIH W/BIT. TGD CMT @ 2,213'. DO CICR & CMT TO 2,262'. CMT GREEN.

06/25/00: DO CMT. FELL OUT CMT @ 2,292'. PT TO 500 PSIG, OK. TOH W/BIT. TIH. SWD DWN WELL. RET RBP @ 2,712' & TOH. TIH W/NC, SN & 2-3/8" TBG. TGD @ 4,955'. CO TO 4,992'. CIRC 1.5 HRS. LANDED SN @ 4,803'.

06/27/00: RDMO PU.

07/01/02: XTO ASSUMED OPERATIONS.

10/18/02: MIRU SL. RIH W/2" SB. TGD @ 4,798'. POH. REC 2-3/8" PAD PLNGR. RIH W/2" SB. TGD @ 4,798'. POH. REC SCALED UP BHBS. RIH W/1.75" GR. TGD @ 4,834' (158' FILL). POH. DROPPED NEW BHBS & OLD 2-3/8" PLNGR. RIH W/1.50" BL BX & CHASED EQUIP TO SN @ 4,798'. POH. RDMO SL. RWTP.

Conditions of Approval:

Notice of Intent: to repair the well casing (Bradenhead)

XTO Energy
Ohio E Government # 1B
2020' FNL & 1975' FEL
Sec 18., T31N., R12W.,

1. Prior to running CBL, contact BLM @ 599-6350, so BLM engineer can be On well location to witness the CBL log run.
2. Do not do any remedial cement work, until the CBL has been reviewed In the Farmington Field Office by the Petroleum Management Team.