Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - *Other instructions on page 2*

RECEIVED
JAN 30 2012
Farmington Field Office
Bureau of Land Management

5 Lease Serial No
NMSF-079232

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.
BOLACK B #5

2 Name of Operator
XTO Energy Inc.

9 API Well No.
30-045-11823

3a. Address
382 CR 3100, AZTEC, NM 87410

3b Phone No (include area code)
505-333-3642

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

4. Location of Well *(Footage, Sec , T , R., M , or Survey Description)*
1850' FSL & 1625' FEL NWSE SEC.31(J)-T27N-R8W N.M.P.M.

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 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 final site is ready for final inspection)

XTO Energy Inc. intends to plug & abandon this well per the attached procedure. Please see also the attached current & proposed wellbore diagrams.

RCVD FEB 2'12
OIL CONS. DIV.
DIST. 3

Notify NMOCD 24 hrs prior to beginning operations

14 I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* BARBARA A. NICOL
Title REGULATORY COMPLIANCE TECHNICIAN
Signature Barbara A. Nicol
Date 01/27/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Original Signed: Stephen Mason
Title
Date JAN 31 2012

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, 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

NMOCD

IA

ML_____
TWD_____

PLUG AND ABANDONMENT PROCEDURE

Bolack B #5

Basin Dakota
1850' FSL and 1625' FEL, Section 31, T27N, R8W
San Juan County, New Mexico / API 30-045-11823
API: 3004511823

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes___X_ , No_____, Unknown_____.
   Tubing: Yes __X__ , No _____, Unknown_____ , Size __2-3/8_____ , Length __6612'_____.
   Packer: Yes_____ , No __X___, Unknown_____, Type _____.
   If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
   Round trip 4.5" gauge ring or casing scraper to 6300' or as deep as possible.

4. **Plug #1 (Dakota perforations and top, 6300' – 6200'):** RIH and set 4.5" cement retainer at 6300'. Pressure test tubing to 1000 PSI. Circulate well clean. Attempt to pressure test casing to 800 PSI. *If casing does not test then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement inside casing from 6300' to 6200' to cover the Dakota perforations and top. TOH with tubing.

5. **Plug #2 (Gallup perforations and top, 5475' – 5375'):** Perforate 3 squeeze holes at 5475'. Establish rate into squeeze holes. Set 4.5" cement retainer at 5425'. Mix 51 sxs Class B cement squeeze 39 sxs outside casing and leave 12 sxs inside casing to cover Gallup top. TOH with tubing.

6. **Plug #3 (Mancos top, 4600' - 4500'):** Perforate 3 squeeze holes at 4600'. Establish rate into squeeze holes. Set 4.5" cement retainer at 4500'. Mix 51 sxs Class B cement squeeze 39 sxs outside casing and leave 12 sxs inside casing to cover Mancos top. PUH.

7. **Plug #4 (Mesaverde top, ~~3960'~~ 3596' – ~~3860'~~ 3496'):** Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. PUH.

→ Chacra plug 2910 - 2810 inside outside 4½" csg

6. **Plug #5 (Pictured Cliffs top, 2015' – 1915'):** Mix and pump 12 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs top. PUH.

1791 1025

7. **Plug #6 (Fruitland, Kirtland and Ojo Alamo tops, ~~1595~~' – ~~1169~~'):** Mix and pump ~~27~~ sxs Class B cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH with tubing.

8. **Plug #7 (8.625" casing shoe, 459' – 0'):** Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 40 sxs cement and spot a balanced plug from 459' to surface, circulate good cement out casing valve. TOH and LD tubing Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 459' and the annulus from the squeeze holes to surface. Shut in well and WOC.

8. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Bolack B #5

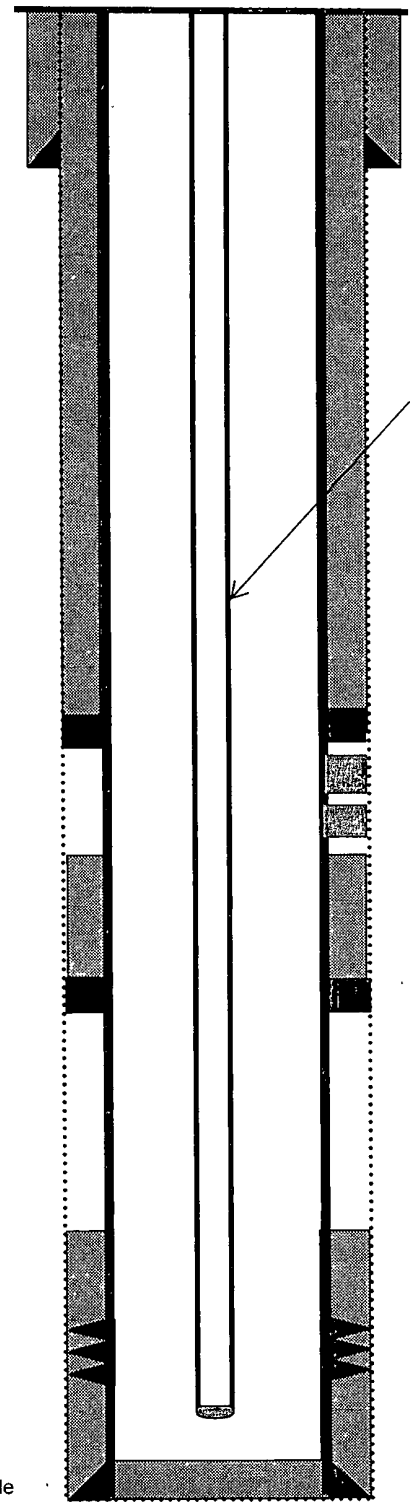
Current

Basin Dakota

1850' FSL, 1625' FEL, Section 31, T-27-N, R-8-W
San Juan County, NM, API #30-045-11823

Today's Date. **1/13/11**
Spud: 8/2/66
Completed 9/18/66
Elevation. 6107' GL
6118' KB

12 25" hole



Mud cut cement
circulated to surface

8.625" 24#, K-55 Casing set @ 409'
Cement with 200 sxs, circulated

2-3/8" tubing at 6612'
(210 jts, SN @ 6602', Baker 4.5" TAC
with 40K shear at 6280' with 15K tension

Ojo Alamo @ 1219'

Kirtland @ 1333'

Fruitland @ 1545'

Pictured Cliffs @ 1965'

DV Tool at 2736'
3rd Stage Cement with 400 sxs, circulate mud cut cement to surface.

Sqz'd casing leak from 3215' – 3246' with 120 sxs (2006)

Sqz'd casing leak from 3306' – 3370' with 50 sxs (2006)

TOC @ 3615' (Calc, 75%)

Mesaverde @ 3910'

DV Tool at 4490'
2nd Stage Cement with 225 sxs

Mancos @ 4550'

Gallup @ 5425'

TOC @ 6013' (Calc, 75%)

Dakota @ 6340'

Dakota Perforations
6350' – 6606'

7.875" hole

4 5",10.5#/11.6#, J-55 Casing set @ 6635'
1st Stage Cement with 160 sx

TD 6638'
PBTD 6613'

Bolack B #5

Proposed P&A

Basin Dakota

1850' FSL, 1625' FEL, Section 31, T-27-N, R-8-W
San Juan County, NM, API #30-045-11823

Today's Date: **1/13/11**
Spud 8/2/66
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Elevation: 6107' GL
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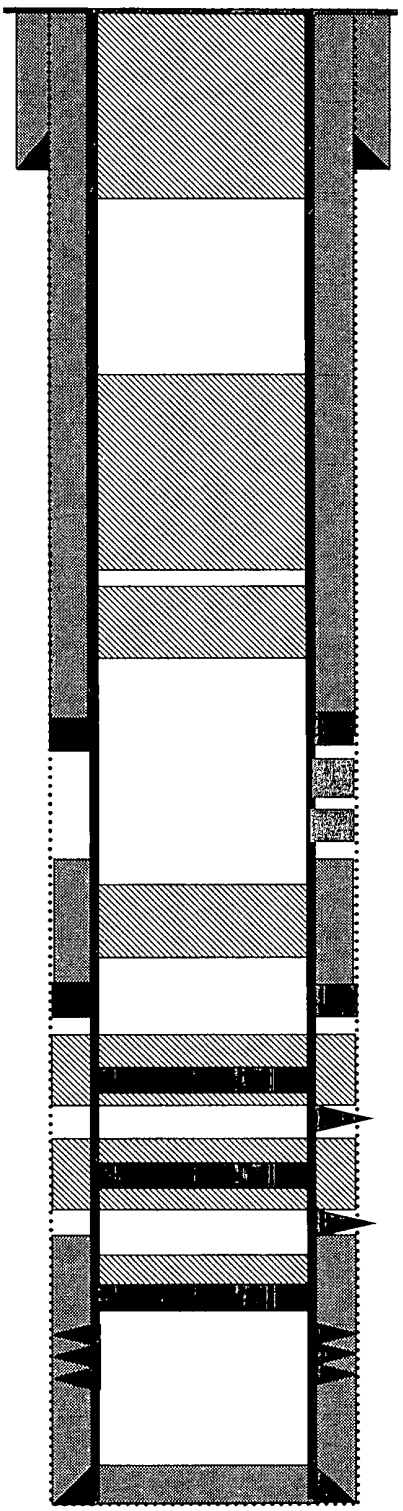
12 25" hole



Mud cut cement
circulated to surface

8 625" 24#, K-55 Casing set @ 409'
Cement with 200 sxs, circulated

Plug #7: 459' – 0'
Class B cement, 40 sxs

Ojo Alamo @ 1219'

Kirtland @ 1333'

Fruitland @ 1545'

Plug #6: 1595' – 1169'
Class B cement, 37 sxs

Pictured Cliffs @ 1965'

Plug #5: 2015'- 1915'
Class B cement, 12 sxs

DV Tool at 2736'
3rd Stage: Cement with 400 sxs, circulate mud cut cement to surface.

Sqz'd casing leak from 3215' – 3246' with 120 sxs (2006)

Sqz'd casing leak from 3306' – 3370' with 50 sxs (2006)

TOC @ 3615' (Calc, 75%)

Mesaverde @ 3910'

Plug #4: 3960' – 3860'
Class B cement, 12 sxs

DV Tool at 4490'
2nd Stage: Cement with 225 sxs

Mancos @ 4550'

Set CR @ 4550'

Perforate @ 4600'

Plug #3: 4600' – 4500'
Class B cement, 51 sxs
39 outside and 12 inside

Set CR @ 5425'

Gallup @ 5425'

Perforate @ 5475'

Plug #2: 5475' – 5375'
Class B cement, 51 sxs
39 outside and 12 inside

TOC @ 6013' (Calc, 75%)

Set CR @ 6300'

Plug #1: 6300' – 6200'
Class B cement, 12 sxs

Dakota @ 6340'

Dakota Perforations
6350' – 6606'

4 5",10.5#/11.6#, J-55 Casing set @ 6635'
1st Stage Cement with 160 sx

7.875" hole

TD 6638'
PBTD 6613'

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 5 Bolack B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

a) Place the Mesaverde plug from 3596' – 3496' inside and outside the 4 ½" casing.

b) Spot a cement plug from 2910' – 2810' inside and outside the 4 ½" casing to cover the Chacra top.

c) Place the Fruitland/Kirtland/Ojo Alamo plug from 1791' – 1020'.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.