Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. DIV DIST. 3
AUG 15 2014

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

JUL 30 2014
Farmington Field Office
Bureau of Land Management

5. Lease Serial No.
NMSF046563

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.
FRED FEASEL J #1

2. Name of Operator
XTO ENERGY INC.

9. API Well No.
30-045-07031

3a. Address
382 CR 3100 AZTEC, NM 87410

3b. Phone No. (*include area code*)
505-333-3630

10. Field and Pool, or Exploratory Area
BASIN DAKOTA

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
1850' FNL & 1850' FEL SWNE SEC.34(G)-T28N-R10W 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 and abandon this well per the attached procedure and will be using a Closed Loop System. Please see also the attached current and proposed wellbore diagrams and surface reclamation plan.

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Notify NMOCD 24 hrs prior to beginning operations

H_2S POTENTIAL EXIST

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*) SHERRY J. MORROW
Title REGULATORY ANALYST

Signature Sherry J Morrow
Date 7/29/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Troy Salyers
Title Petroleum Engineer
Date 8/14/2014

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.

NMOCD

ML _____
MTG _____
Approved _____

June 26, 2014

Plug and Abandon procedure
Fred Feasel J #1
AFE# 1406039
Basin Dakota
1850' FNL, 1850' FEL, Section 34, T28N, R10W, San Juan County, New Mexico
API 30-045-07031/ Lat: _____ N Long: _____ W

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 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 _____, No __X____, Unknown _____
   Tubing: Yes _____, No __X__, Unknown _____, Size _____, Length _____.
   Packer: Yes __X but cemented in well__, No ____, Unknown _____, Type _____.
   If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
   Note: first four plugs are designed with 9 sxs each as the minimum to displace effectively.

4. **Plug #1 (Dakota interval, 6260' – 6160'):** Round trip 2-7/8" gauge ring to 6260' or as deep as possible. RIH and set 2-7/8" wireline CIBP at 6260'. PU 6260' of tubing workstring and RIH; tag BP at 6260'. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing do not test, then spot or tag subsequent plugs as appropriate.* Mix 9 sxs Class B cement above BP to isolate the Dakota interval. PUH.

See COA

5. **Plug #2 (Gallup top, 5468' – 6368'):** Spot 9 sxs Class B and spot a balanced plug inside casing to cover the Gallup top. PUH.

6. **Plug #3 (Mancos top, 4624' – 4524'):** Spot 9 sxs Class B and spot a balanced plug inside casing to cover the Mancos top. PUH.

7. **Plug #4 (Mesaverde top, 3511' – 3411'):** Spot 9 sxs Class B and spot a balanced plug inside casing to cover the Mesaverde top. PUH.

See COA

8. **Plug #5 (Pictured Cliffs and Fruitland tops, 1938' – 1602'):** Spot 11 sxs Class B and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH.

9. **Plug #6 (Kirtland and Ojo Alamo tops, 1066' – 825'):** Spot 9 sxs Class B and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH.

10. **Plug #7 (9-5/8" casing shoe and surface plug, 411' - Surface)**: Perforate 3 HSC holes at 411'. Establish circulation out 4.5" x 9-5/8" annulus. Mix and pump approximately 125 sxs cement down the 2-7/8"" casing until good cement returns out annuli and bradenhead. Shut in well and WOC.

11. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

Fred Feasel J #1

Current

Basin Dakota

1850' FNL, 1850' FEL, Section 34, T-28-N, R-10-W, San Juan County, NM

Lat: _____N / Lat: _____W, API #30-045-07031

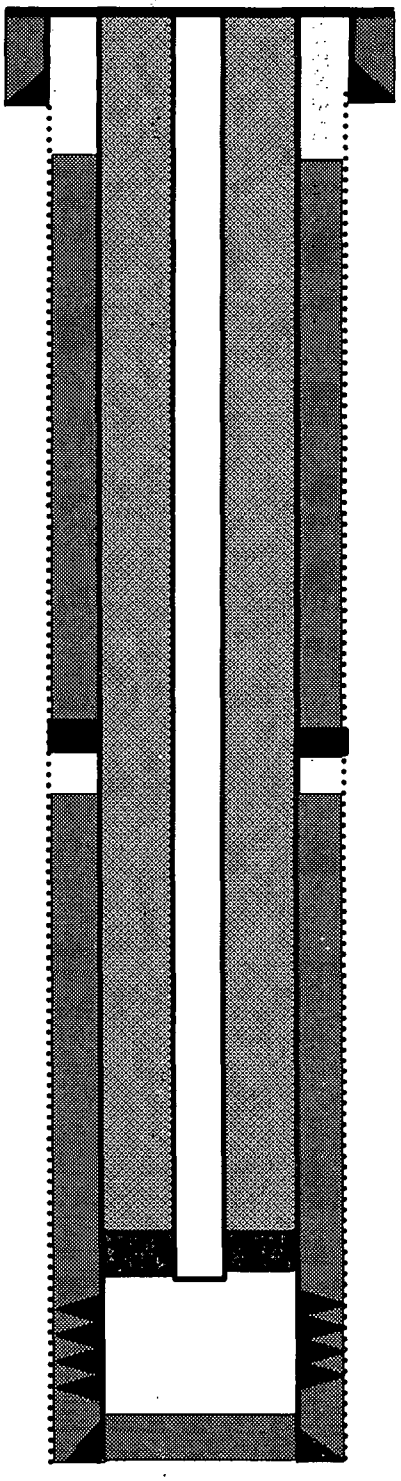
Today's Date: **5/19/14**

Spud: 8/11/59

Completion: 8/24/59

Elevation: 5913' GL
5926' KB

11" hole



9.625", 32.3#, H-40 Casing set @ 361'
Cement with 150 sxs, circulate to surface

Ojo Alamo @ 875'

Kirtland @ 1016'

Fruitland @ 1652'

Pictured Cliffs @ 1888'

4.5" DV Tool @ 2159'
Cement with 250 sxs

Note: ran CIL in 1966. Severe corrosion 3300' to 4500' with holes from 3330' to 4350' and moderate corrosion from 3300' to 4500'. Squeeze holes with total 400 sxs

Mesaverde @ 3461'

Mancos @ 4574'

Gallup @ 5418'

Model "P" packer set at 6261'

2-7/8", 6.4#, J-55 tubing at 6261'
Cement with 275 sxs
(circulate 20 bbls to surface)

Dakota @ 6310'

Dakota Perforations:
6374' -6420'

7.875" Hole

4.5", 11.6, 9.5# J-55 casing set @ 6552'
Stage #1: cemented with 500 sxs

TD 6543'
PBTD 6499'

Fred Feasel J #1

Proposed P&A

Basin Dakota

1850' FNL, 1850' FEL, Section 34, T-28-N, R-10-W, San Juan County, NM

Lat: _____N / Lat: _____W, API #30-045-07031

Today's Date: **5/19/14**

Spud: 8/11/59

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Elevation: 5913' GL
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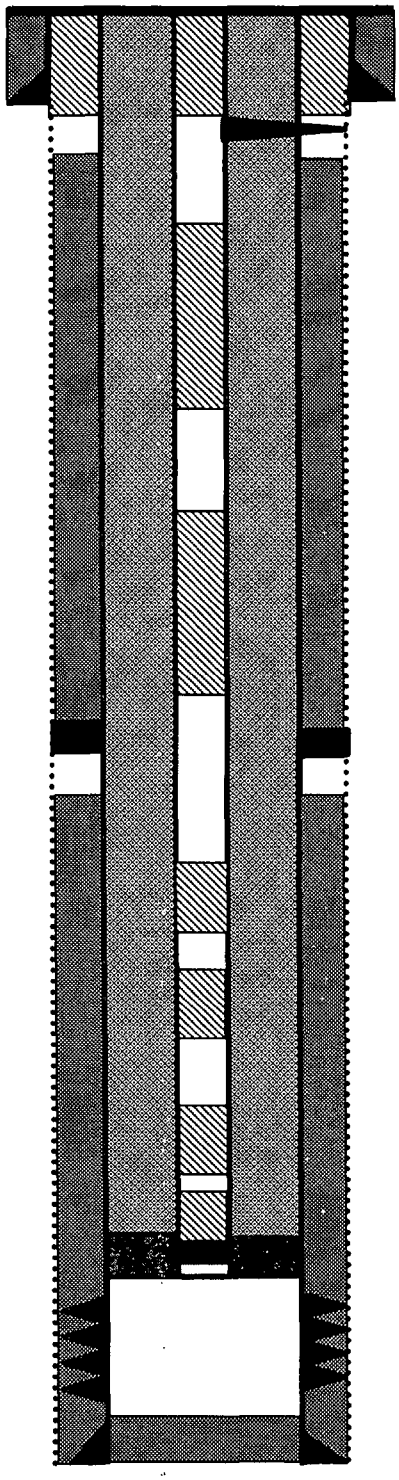

9.625", 32.3#, H-40 Casing set @ 361'
Cement with 150 sxs, circulate to surface

Perforate @ 411'

Plug #7: 411' – 0'
Class B cement, 125 sxs

Ojo Alamo @ 875'

Plug #6: 1066' – 825'
Class B cement, 9 sxs

Kirtland @ 1016'

See COA

Plug #5: 1938' – 1602'
Class B cement, 11 sxs

Fruitland @ 1652'

Pictured Cliffs @ 1888'

4.5" DV Tool @ 2159'
Cement with 250 sxs

Plug #4: 3511' – 3411'
Class B cement, 9 sxs

Note: ran CIL in (4.5" casing) 1966. Severe corrosion 3300' to 4500' with holes from 3330' to 4350' and moderate corrosion from 3300' to 4500'. Squeeze holes with total 400 sxs

Mesaverde @ 3461'

Plug #3: 4624' - 4524'
Class B cement, 9 sxs

Mancos @ 4574'

See COA → **Plug #2: 5468' - 5368'**
Class B cement, 9 sxs

Plug #1: 6260' – 6160'
Class B cement, 9 sxs

Gallup @ 5418'

Set CIBP @ 6260'

2-7/8", 6.4#, J-55 tubing at 6261'
Cement with 275 sxs
(circulate 20 bbls to surface)

Dakota @ 6310'

Model "P" packer set at 6261'

Dakota Perforations:
6374' -6420'

7.875" Hole

4.5", 11.6, 9.5# J-55 casing set @ 6552'
Stage #1: cemented with 500 sxs

TD 6543'
PBTD 6499'

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Fred Feasel J #1

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) 564-7750.

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

a) Bring the top of plug #2 to 5368 ft. to cover the Gallup top. Adjust cement volume accordingly.

b) Set a balanced inside plug (2880-2780) ft. to cover the Chacra top.

c) Bring the top of plug #5 to 1560 ft. to cover the Fruitland top. Adjust cement volume accordingly.

Note: Low concentrations of H2S (14 ppm- 25 ppm GSV) have been reported in wells within a 1 mile radius of this location.

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.