

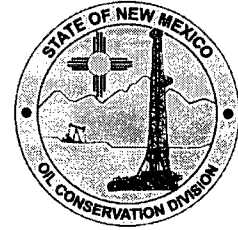
State of New Mexico  
Energy, Minerals and Natural Resources Department

Susana Martinez  
Governor

David Martin  
Cabinet Secretary

Brett F. Woods, Ph.D.  
Deputy Cabinet Secretary

Jami Bailey, Division Director  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 8/21/14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	UL	Sec	Twp	N/S	Rng	W/E
30-045-24608-00-00	UTE INDIANS A	021	XTO ENERGY, INC	G	A	San Juan	U	A	34	32	N	14 W

Application Type:

- ☒ P&A    ☐ Drilling/Casing Change    ☐ Location Change  
☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84)  
☐ Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations  
Provide CBL to agencies for review prior to cementing

Extend Dakota plug 50 feet above to Graneros top up to 2107

A handwritten signature in black ink, appearing to read "Brandi Bell", is written over a horizontal line.

NMOCD Approved by Signature

9-18-14  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 22 2014

FORM APPROVED  
OMB NO. 1004-013  
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter a Colorado abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

XTO ENERGY INC.

3a. Address

382 CR 3100 AZTEC, NM 87410

3b. Phone No. (include area code)

505-333-3630

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

935' FNL & 980' FEL NENE Sec. 34 (A) - T32N-R14W

5. Lease Serial No.

142060462

6. If Indian, Allottee or Tribe Name

Ute Mountain Ute

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

8. Well Name and No.

UTE INDIANS A #21

9. API Well No.

30-045-24608

10. Field and Pool, or Exploratory Area

UTE DOME 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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

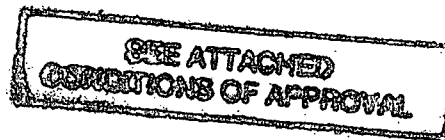
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 recompleat 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 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.

RCVD SEP 5 '14

OIL CONS. DIV.

DIST. 3



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

SHERY J. MORROW

Title REGULATORY ANALYST

Signature

*Shery J. Morrow*

Date 8/21/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*[Signature]*

Title

*WSC*

Date

*8/29/14*

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

TRES RIOS FIELD OFFICE

NMOC

IV

LWA \_\_\_\_\_  
MTG \_\_\_\_\_  
Approved \_\_\_\_\_

## PLUG AND ABANDONMENT PROCEDURE

July 30, 2014

### Ute Indians A 21

Ute Dome Dakota

935' FNL and 980' FEL, Section 34, T32N, R14W  
San Juan County, New Mexico / API 30-045-24608

Lat: \_\_\_\_\_ / Lat: \_\_\_\_\_

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. 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.
2. Rods: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_.  
Tubing: Yes X, No \_\_\_\_\_, Unknown \_\_\_\_\_, Size 2.375", Length 2360'.  
Packer: Yes \_\_\_\_\_, No X, Unknown \_\_\_\_\_, Type \_\_\_\_\_.
3. **Plug #1 (Dakota interval, 2180' – 2130')**: Round trip 4.5" gauge ring to 2200' or as deep as possible. RIH and set 4.5" cement retainer at 2180'. 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 8 sxs Class B cement inside casing to isolate the Dakota perforations and top. PUH.
4. **Plug #2 (Gallup top, 1413' – 1313')**: Spot 12 sxs Class B and spot a balanced plug inside casing to cover the Gallup top. PUH.
5. **Plug #3 (8.625" casing shoe, Mancos top and Mesa Verde top, 422' – 0')**: Mix approximately 36 sxs cement and spot a balanced plug from 422' to surface. TOH and LD tubing. Shut well in and WOC
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.



## XTO - Wellbore Diagram

Current

Well Name: Ute Indians A 21

API/UWI	E/W Dist (ft)	E/W Ref	N/S Dist (ft)	N/S Ref	Location	Field Name	County	State/Province
30045246080000	980.0	FEL	935.0	FNL	T32N-R14W-S34	Ute Dome Dakota	San Juan	New Mexico
Well Configuration Type	XTO ID B	Orig KB Elev (ft)	Gr Elev (ft)	KB-Grd (ft)	Spud Date	PBTD (All) (ftKB)	Total Depth (ftKB)	Method Of Production
Vertical	71073	6,098.00	6,085.00	13.00	1/31/1981	Original Hole - 2574.0	2,623.0	Plunger Lift

Well Config: Vertical - Original Hole, 7/25/2014 9:40:45 AM

## Zones

Zone	Top (ftKB)	Btm (ftKB)
Dakota	2,230.0	2,364.0

## Casing Strings

Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
Surface	8 5/8	24.00	K-55		295.0
Production	4 1/2	10.50	K-55		2,623.0

## Cement

Description	Type	String
Production Casing Cement	casing	Production, 2,623.0ftKB
Comment		
Surface Casing Cement	casing	Surface, 295.0ftKB
Comment		

## Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Hole Diameter (in)	Phasing (")	Curr... Status	Zone
3/13/1981	2,230.0	2,240.0					Dakota
3/13/1981	2,270.0	2,284.0					Dakota
3/13/1981	2,356.0	2,364.0					Dakota

## Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production		2,360.6

## Tubing Components

Item Description	Jts	Model	OD (in)	Wt (lbs/ft)	Gra...	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing		T&C Upset	2 3/8	4.70	J-55		2,346.14	13.0	2,359.1
Seat Nipple			2 3/8				1.10	2,359.1	2,360.2
Notched Collar			2 3/8				0.40	2,360.2	2,360.6

## Stimulations &amp; Treatments

Frac Start Date	Top Perf (ft...)	Bottom Pe...	V (slurry) (...)	Total Prop...	AIR (b...	ATP (psi)	MTP (psi)	ISIP (psi)
	2230	2364						

Comment

Top (MD): 2,230,  
Des: DakotaPBTD,  
2,574

TD, 2,623

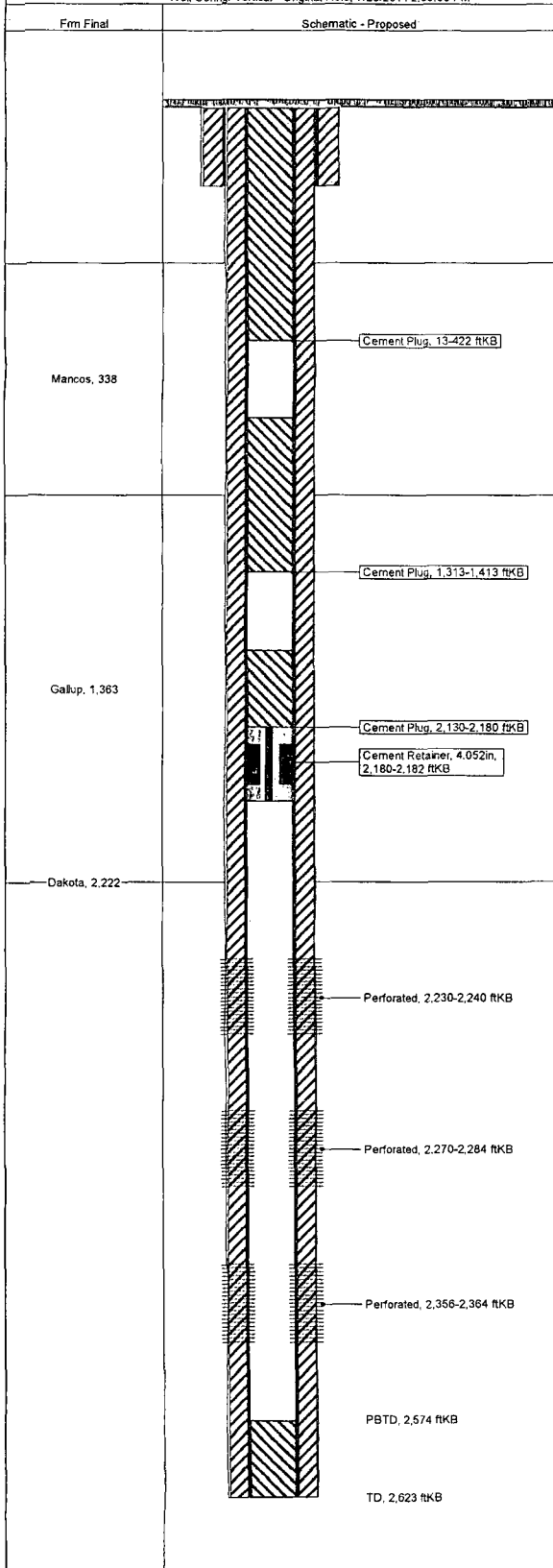


# XTO - Proposed P&A Wellbore Diagram

**Well Name: Ute Indians A 21**

API/UWI 30045246080000	E/W Dist (ft) 980.0	E/W Ref FEL	N/S Dist (ft) 935.0	N/S Ref FNL	Location T32N-R14W-S34	Field Name Ute Dome Dakota	County San Juan	State/Province New Mexico
Well Configuration Type Vertical	XTO ID B 71073	Orig KB Elev (ft) 6,098.00	Gr Elev (ft) 6,085.00	KB-Grd (ft) 13.00	Spud Date 1/31/1981	PBTD (All) (ftKB) Original Hole - 2574.0	Total Depth (ftKB) 2,623.0	Method Of Production Plunger Lift

Well Config: Vertical - Original Hole, 7/29/2014 2:39:50 PM



## Zones

Zone	Top (ftKB)	Btm (ftKB)
Dakota	2,230.0	2,364.0

## Casing Strings

Casing Description	OD (in)	Wt (lbs/ft)	String Grade	Top Connection	Set Depth (ftKB)
Surface	8 5/8	24.00	K-55		295.0
Production	4 1/2	10.50	K-55		2,623.0

## Cement

Description	Type	String
Surface Casing Cement	casing	Surface, 295.0ftKB
Production Casing Cement	casing	Production, 2,623.0ftKB

Comment  
Cm't'd w/ 300 sx Class "B" neat w/2% CaCl<sub>2</sub>. Circ 20 sx cmt.

Comment  
Cm't'd w/520 sx Class "B" 50/50 pos & 6% gel followed by 100 sx Class "B" neat. Circ 163 sx to surf. Float did not hold.

Comment  
Plug 1: Pump 8 sx fr/2,180'-2,130'

Comment  
Plug 2: Pump 12 sx fr/1,413'-1,313'

Comment  
Plug 3: Pump 36 sx fr/422' - surf.

Comment  
Other In Hole

Comment  
Cement Retainer

Description	OD (in)	Top (ftKB)
Cement Retainer	4.052	2,180.0

## Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot/Dens (shots/ft)	Hole Diameter (in)	Phasing (°)	Zone
3/13/1981	2,230.0	2,240.0	2.0			Dakota
3/13/1981	2,270.0	2,284.0	2.0			Dakota
3/13/1981	2,356.0	2,364.0	2.0			Dakota

**XTO Energy Inc.**  
**Tribal Lease: 14-20-604-62**  
**Well: Ute A #21**  
**Location: 935' FNL & 980' FEL**  
**Sec. 34, T. 32 N., R. 14 W.**  
**San Juan County, NM**

**Conditions of Approval - Notice of Intent to Abandon:**

1. Notify this office at least **72 hours** prior to commencing plugging operations.

**For Notification, Operators must talk to BLM personnel directly. Do not leave messages on answering machines. Contact Dan Rabinowitz, BLM Petroleum Engineer: office: 970-385-1363, or Rod Brashear: office: 970-385-1347, and cell: 970-799-1244.**

2. Approval of this Notice of Intent to Abandon (NIA) is for down hole plugging only.
3. Materials used will be accurately measured.
4. A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations. All unattended pits are to be fenced.
5. Pits are not to be used for disposal of any unauthorized materials.
6. All cement plugs are to be placed through a work string. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

**6a. Cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100 ft. of the casing or annular void(s) between casings, plus 10% excess volume per 1000 ft. of depth.**

**6b. Surface plugs must be a minimum of 50 ft. within casing and annular voids.**

**6c. Cement plugs placed to fill an open hole shall have sufficient volume to fill a minimum of 100 ft. of open hole, plus 10% excess volume per 1000 ft. of depth.**

**6d. BLM's records do not reflect the comments section of the Production Casing cement job. A CBL must be run. This log must be provided to the BLM for concurrence prior to plugging.**

7. The well must be filled with a wellbore mud sufficient to stabilize the wellbore. In the absence of any formation pressure data provided by the operator, this mud will have a minimum weight of **9 ppg**. The mud must be left between all plugs.

8. A blowout preventer and related equipment shall be installed and tested prior to working in a wellbore with any exposed zones (a) that are overpressured, (b) where pressures are unknown, or (c) known to contain H<sub>2</sub>S.

9. Within 30 days after plugging of the well, file 5 copies of a Subsequent Report of Abandonment (SRA) via Sundry Notice. This report should include the following information:

- a. Date(s) of plugging operations.
- b. Procedure used to plug the well.
- c. Depth of plugs.
- d. Type and volume of plugs set.
- e. Casing types/lengths left in the well.

### **Surface Use Directions:**

**This approval is for the completion of the downhole plugging only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.**

### **NOTIFICATION:**

- **The BLM Colorado Minerals Division – Physical Scientist/Natural Resources Specialist (970) 385-1242 shall be notified 5 days prior to the onset of pad/road surface reclamation activity.**
- **The BLM Colorado Minerals Division – Physical Scientist/Natural Resources Specialist (970) 385-1242 shall be notified at least 48 hours prior to commencement of final surface reclamation activities.**

### **REQUIREMENTS AT ALL SITES:**

1. **All tanks on-pad, used in plugging or reclamation activities will employ the use of earthen berms or another appropriate form of secondary containment, capable of holding a minimum of 110% of the contained tank volume(s).**
2. **Any cement wash or other fluids shall be placed in a self-contained tank, surrounded by containment dike of 110% of contained volumes for storage and removed for disposal at an approved location off-site.**
3. **Any free liquid accumulating should be vacuumed off to insure a minimum of 2ft. of freeboard on all tanks consistently and removed to an approved facility with receipts for chain of custody submitted to BLM –Minerals Division.**
- 4.

Continued on Page 3.

**5. All stormwater mitigations will be in accordance with BLM gold book BMP standards and practices.**

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. Onshore Orders #1 stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. Once notified of plugging, a field inspection will be arranged between the Operator, UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for reclamation requirements and BLM approval, before release from bond liability.