

<b>Well Name:</b> JRU APACHE FEDERAL COM	<b>Well Location:</b> T22S / R30E / SEC 13 / NESE / 32.391762 / -103.828231	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 112H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM89051	<b>Unit or CA Name:</b> JAMES RANCH UNIT	<b>Unit or CA Number:</b> NMNM70965X
<b>US Well Number:</b> 3001555529	<b>Operator:</b> XTO ENERGY INCORPORATED	

Notice of Intent

**Sundry ID:** 2839937

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 03/04/2025

**Time Sundry Submitted:** 03:03

**Date proposed operation will begin:** 03/07/2025

**Procedure Description:** XTO Energy Incorporated, respectfully requests approval to make the below listed changes to the approved APD: 1. Casing design to be changed from the “4-String Design – Engineered Weak Point” (FIGURE F) to the “4- String Design – Open 1st INT x 2nd INT Annulus” (FIGURE D). An open annulus will be utilized and monitored during completions operations. Post completion, bradenhead squeeze will be performed to tie back the 1st intermediate x 2nd intermediate annulus. TOC will be placed into the 1st intermediate shoe but still below the base of Potash interval. 2. No changes to the cementing, casing or mud circulating system designs will be required for the requested change. 3. There will be no new surface disturbance. Please refer to the R-111-Q well bore diagrams in the attachment reflecting the changes requested.

NOI Attachments

Procedure Description

James\_Ranch\_Unit\_Apache\_112H\_Sundry\_Blanket\_request\_from\_EWP\_to\_Open\_Annulus\_20250304150225.pdf

Received by OCD: 4/11/2025 4:57:18 PM

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Lease Number: NMNM89051	Unit or CA Name: JAMES RANCH UNIT	Unit or CA Number: NMNM70965X
US Well Number: 3001555529	Operator: XTO ENERGY INCORPORATED	

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SRINIVAS LAGHUVARAPU	Signed on: MAR 04, 2025 03:02 PM
Name: XTO ENERGY INCORPORATED	
Title: REGULATORY ANALYST	
Street Address: 22777 SPRINGWOODS VILLAGE PARKWAY	
City: SPRING	State: TX
Phone: (720) 539-1673	
Email address: SRINIVAS.N.LAGHUVARAPU@EXXONMOBIL.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345998	BLM POC Email Address: ZSTEVENS@BLM.GOV
Disposition: Approved	Disposition Date: 04/11/2025
Signature: Zota Stevens	

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <b><i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i></b>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

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

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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 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.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NESE / 2515 FSL / 818 FEL / TWSP: 22S / RANGE: 30E / SECTION: 13 / LAT: 32.391762 / LONG: -103.828231 ( TVD: 0 feet, MD: 0 feet )

PPP: SWNW / 1650 FNL / 990 FWL / TWSP: 22S / RANGE: 30E / SECTION: 13 / LAT: 32.39485 / LONG: -103.839126 ( TVD: 11063 feet, MD: 15600 feet )

PPP: SENE / 1650 FNL / 330 FEL / TWSP: 22S / RANGE: 30E / SECTION: 13 / LAT: 32.394837 / LONG: -103.82665 ( TVD: 11103 feet, MD: 11600 feet )

BHL: SWNW / 1650 FNL / 50 FWL / TWSP: 22S / RANGE: 30E / SECTION: 14 / LAT: 32.394872 / LONG: -103.860081 ( TVD: 11001 feet, MD: 21892 feet )

CONFIDENTIAL

XTO respectfully requests approval to make the below listed changes to the approved APD.

1. Casing design to be changed from the "4-String Design – Engineered Weak Point" (FIGURE F) to the "4-String Design – Open 1<sup>st</sup> INT x 2<sup>nd</sup> INT Annulus" (FIGURE D). An open annulus will be utilized and monitored during completions operations.

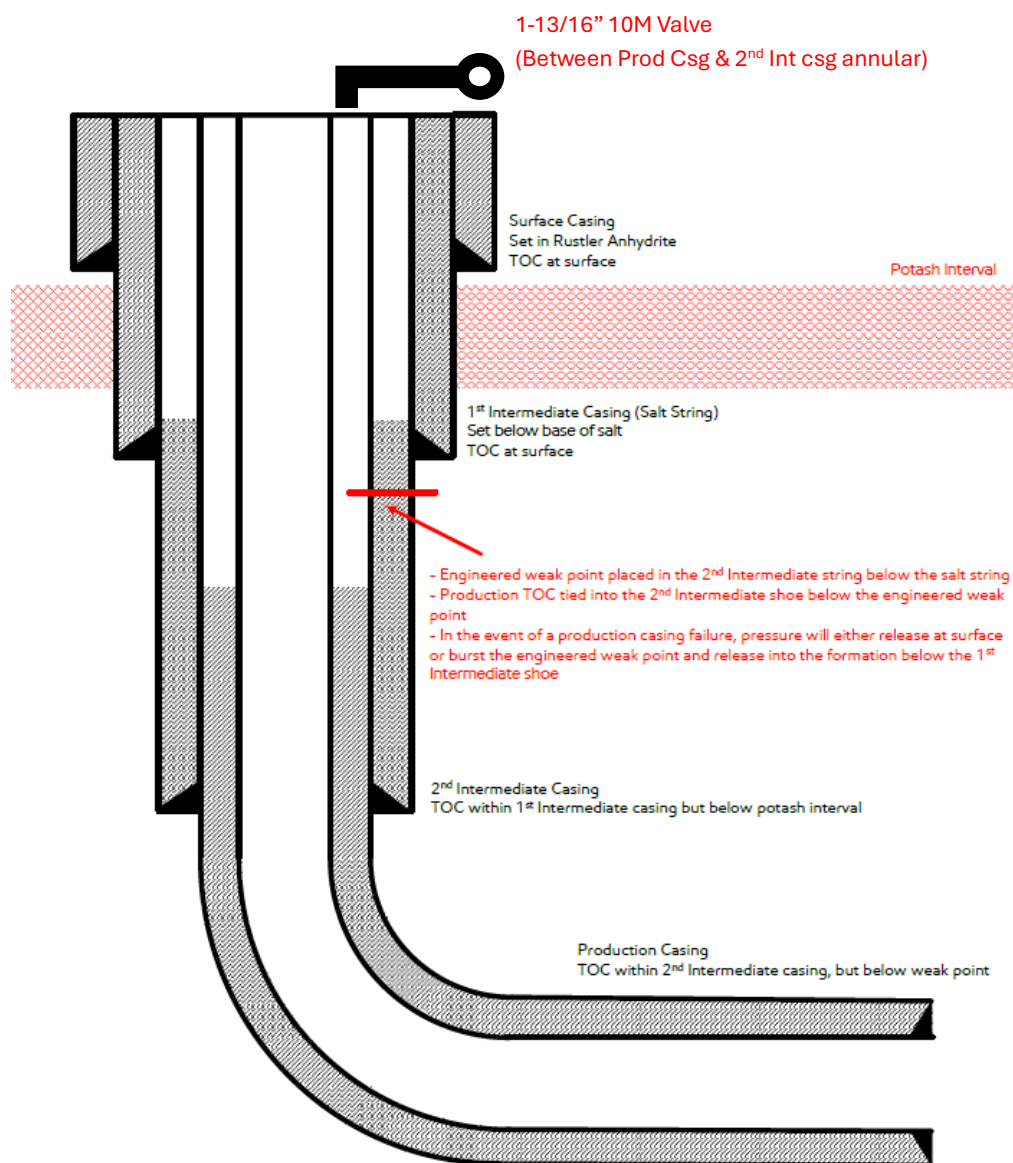
Post completion, bradenhead squeeze will be performed to tie back the 1<sup>st</sup> intermediate x 2<sup>nd</sup> intermediate annulus. TOC will be placed into the 1<sup>st</sup> intermediate shoe but still below the base of Potash interval.

2. No changes to the cementing, casing or mud circulating system designs will be required for the requested change.

3. There is no new surface disturbance.

Please refer to the R-111-Q well bore diagrams attached below reflecting the changes requested.

WELL NAME	API Number	Pad
JRU Apache Federal Com 112H	30-015-55529	A

**Previous Design: 4-String Design – Engineered Weak Point****[Figure F] 4 String – 2<sup>nd</sup> Intermediate casing engineered weak point**

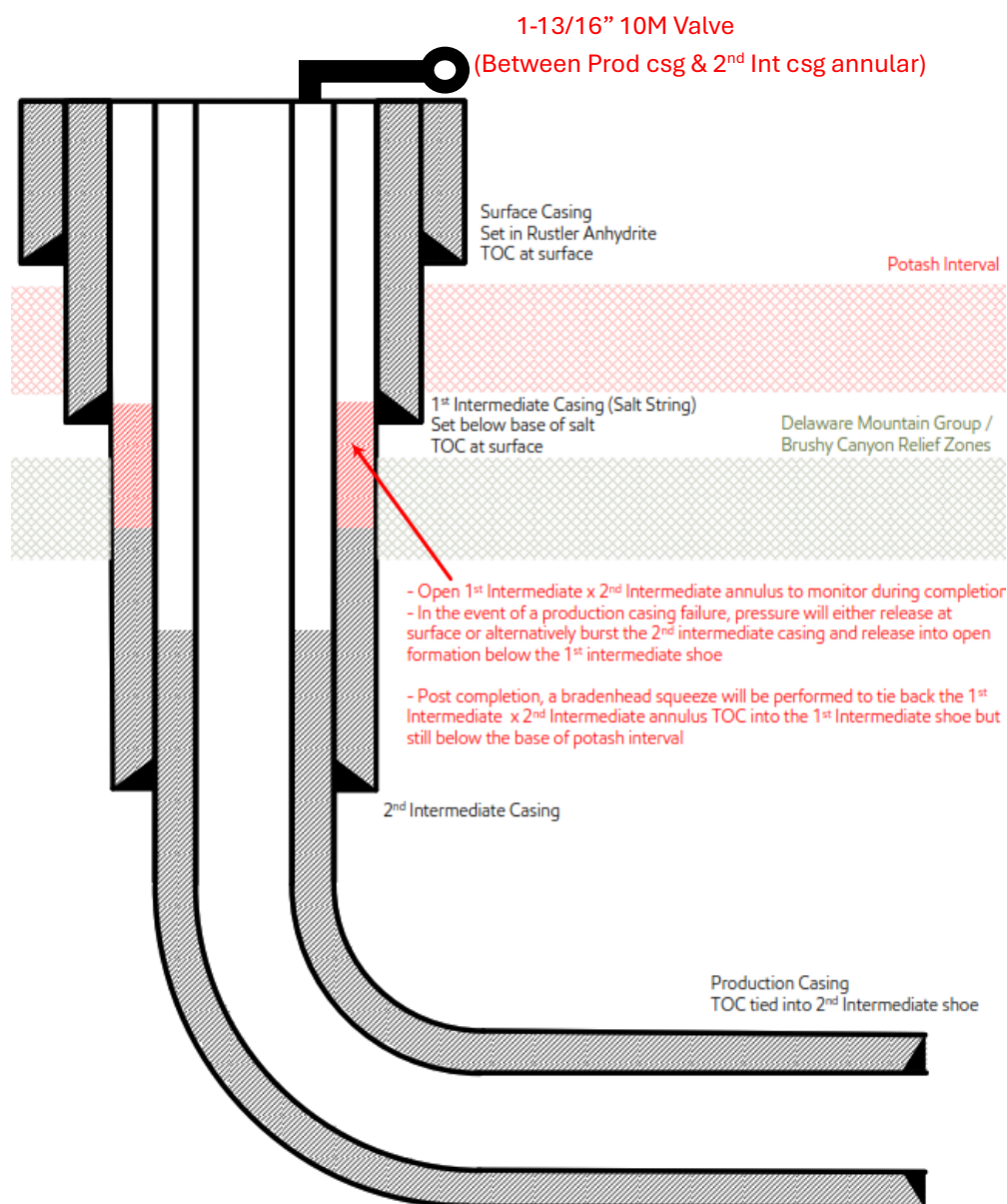
Update May 2024:

XTO is aware of R-111-Q update and will comply with these requirements including (but not limited to):

- 1) Alignment with KPLA requirements per schematic per schematic below, with engineering weak point casing design and utilizing new casing that meets API standards.
- 2) Contingency plans in place to divert fluids away from salt interval in event of production casing failure.
- 3) Intermediate 2 casing will consist of a primary cement job with TOC at the top of the Brushy Canyon formation within the Delaware Mountain Group.
  - a. Bradenhead squeeze to be completed after primary cement job to tie back TOC to intermediate 1 "Salt string" & below Marker Bed 126 "Potash Interval".
- 4) Production cement to be tied back no less than 500' inside previous casing shoe (intermediate 2 casing) and below the engineered weak point.



## New Proposed Design: 4 – String Design – Open 1<sup>st</sup> Int X 2<sup>nd</sup> Int Annulus (ICP 2 below relief zone)



[Figure D] 4 String – Uncemented annulus between 1st and 2nd intermediate casing strings

Update May 2024:

XTO is aware of the R-111-Q update and will comply with these requirements including (but not limited to):

- 1) Alignment with KPLA requirements per schematic above, leaving open annulus open for pressure monitoring during frac and utilizing new casing that meets API standards.
- 2) Contingency plans in place to divert fluids away from salt interval in event of production casing failure.
- 3) **Intermediate 2 primary cement** job with TOC within Delaware Mountain Group with 0% excess & below the minimum 500' from intermediate 1 casing shoe
  - **Intermediate 2 bradenhead squeeze** to be completed within 180 days after completions to tieback TOC to salt string at least 500ft but with top below Marker Bed 126.
- 4) Production cement to be tied back no less than 500ft inside previous casing shoe.



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 451284

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 451284
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Operator must comply with all of the R-111-Q requirements.	4/25/2025
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/25/2025