

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOCD**  
**Artesia**

FORM APPROVED  
OMB NO. 1004-0135  
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.*

5. Lease Serial No.  
NMNM01119

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM94450X

8. Well Name and No.  
AVALON UNIT 501

9. API Well No.  
30-015-24331-00-S1

10. Field and Pool, or Exploratory  
AVALON-DELAWARE

11. County or Parish, and State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
XTO ENERGY INCORPORATED  
Contact: PATTY R URIAS  
E-Mail: patty\_urias@xtoenergy.com

3a. Address  
500 W ILLINOIS STREET SUITE 100  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-620-4318  
Fx: 432-618-3530

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 31 T20S R28E NENE 660FNL 660FEL

**12. CHECK 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Venting and/or Flaring
	<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 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 site is ready for final inspection.)

AVALON DELAWARE TANK BATTERY

ASSOCIATED WELLS:

- AVALON DELAWARE UNIT #501 30-015-24331
- AVALON DELAWARE UNIT #503 30-015-28594
- AVALON DELAWARE UNIT #505 30-015-28677
- AVALON DELAWARE UNIT #507 30-015-28678
- AVALON DELAWARE UNIT #509 30-015-54332
- AVALON DELAWARE UNIT #511 30-015-24524
- AVALON DELAWARE UNIT #514 30-015-24194
- AVALON DELAWARE UNIT #515 30-015-26370

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

SEP 26 2016

RECEIVED

AB 9/27/16

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #350874 verified by the BLM Well Information System  
For XTO ENERGY INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 09/14/2016 (16JAS1782SE)**

Name (Printed/Typed) PATTY R URIAS Title REGULATORY ANALYST

Signature (Electronic Submission) Date 09/12/2016

**ACCEPTED FOR RECORD**  
SEP 14 2016

**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 BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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.

**Additional data for EC transaction #350874 that would not fit on the form**

**32. Additional remarks, continued**

AVALON DELAWARE UNIT #516 30-015-28665  
AVALON DELAWARE UNIT #517 30-015-24337  
AVALON DELAWARE UNIT #520 30-015-28664  
AVALON DELAWARE UNIT #522 30-015-02434  
AVALON DELAWARE UNIT #523 30-015-28910  
AVALON DELAWARE UNIT #530 30-015-24335  
AVALON DELAWARE UNIT #533 30-015-28667  
AVALON DELAWARE UNIT #536 30-015-24525  
AVALON DELAWARE UNIT #537 30-015-28683  
AVALON DELAWARE UNIT #539 30-015-28682  
AVALON DELAWARE UNIT #540 30-015-24386  
AVALON DELAWARE UNIT #542 30-015-28684  
AVALON DELAWARE UNIT #543 30-015-24376  
AVALON DELAWARE UNIT #546 30-015-24048  
AVALON DELAWARE UNIT #548 30-015-24373  
AVALON DELAWARE UNIT #562 30-015-24377  
AVALON DELAWARE UNIT #570 30-015-28666  
AVALON DELAWARE UNIT #571 30-015-28668

FLARING AS OF 3/15/16 DUE TO 3RD PARTY GAS PURCHASER SI OF SALES LINE

\*\*\*SEE ATTACHED FOR DETAILED INFORMATION\*\*\*

XTO Energy Inc.(XTO) requests approval to flare royalty-free for the reasons set forth in the marked paragraphs below:

**Emergency Flaring:**

*Equipment Malfunction or Failure:* Due to the equipment malfunction or failure more fully described in the "Additional Information" box below, XTO's production was unavoidably and automatically flared for a duration exceeding 24 hours per incident, 144 cumulative hours for the lease during the calendar month, or both. The method that XTO used to determine the duration of flaring and the flared volumes is set forth in the marked paragraph below.

The flared production was measured by a meter installed on the flare line. The total duration and volume of flaring for each flare incident (if intermittent) and the total duration and volume for each calendar month, as measured by the meter, is provided in the "Additional Information" box below.

There is no meter installed on the flare line. XTO estimated the start date based on a comparison of the metered sales volume to the daily average sales volumes. Specifically, XTO divided the theoretical flare volume (derived by the difference between the average sales volumes and the actual sales volume for a given duration) by the average daily sales volume and then multiplied that figure by 24 to determine an estimated number of hours. The sales meter is the first meter for the production (there is no separate production meter). XTO determined the flared volumes by comparing the sales volume during the period of flaring to the average sales volume. Specifically, XTO subtracted the actual sales volume from the average sales volume (both figures taken from the sales meter).

*Relief of High Line Pressure:* To relieve the high line pressure described more fully in the "Additional Information" box below, XTO's production was unavoidably and automatically flared for a duration exceeding 24 hours per incident, 144 cumulative hours for the lease during the calendar month, or both. The flaring occurred due to high line pressure on a third-party gathering line. When the production in the line reached the pressure threshold for the line, XTO's production could not be delivered into the line. As a result, XTO's production automatically flared. The pressure threshold is determined by all of the production in the line, not just XTO's production; therefore, XTO had no control over the condition of the line that caused the flaring. Additionally, the flaring automatically occurred when XTO's production could not be delivered into the line, and XTO had no ability to reinitiate delivery into the line until the abnormally high line pressure was relieved. As soon as the abnormal line pressure was relieved and delivery into the line resumed, the flaring ended.

The flared production was measured by a meter installed on the flare line. The total duration and volume of flaring for each flare incident (if intermittent) and the total duration and volume for each calendar month, as measured by the meter, is provided in the "Additional Information" box below.

There is no meter installed on the flare line. XTO estimated the start date based on a comparison of the metered sales volume to the daily average sales volumes. Specifically, XTO divided the theoretical flare volume (derived by the difference between the average sales volumes and the actual sales volume for a given duration) by the average daily sales volume and then multiplied that figure by 24 to determine an estimated number of hours. The sales meter is the first meter for the production (there is no separate production meter). XTO determined the flared volumes by comparing the sales volume during the period of flaring to the average sales volume. Specifically, XTO subtracted the actual sales volume from the average sales volume (both figures taken from the sales meter).

**Initial Well Test Flaring:** Due to initial well testing more fully described in the "Additional Information" box below, XTO's production was flared for a duration exceeding 30 days or of a volume exceeding 50 MMcf before 30 days of flaring.

The flared production was metered. The total duration of flaring and volume flared in relation to this initial well test flaring event is provided in the "Additional Information" box below.

**Additional Information:**

FLARING AS OF 3/15/16 DUE TO 3RD PARTY GAS PURCHASER SI OF SALES LINE

TOTAL FLARED DURING 3/15/16 - 6/13/16:

MARCH 2016: 1ST 24 HRS=456 MCF, 22HRS AND 423 MCF

APRIL 2016: 0

MAY 2016: 0

JUNE 2016: 0