

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

3. Lease Serial No.  
**NMNM17056**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**NASH UNIT 203H**

9. API Well No.  
**30-015-45496-00-X1**

10. Field and Pool or Exploratory Area  
**FORTY NINER RIDGE-BONE SPRING**

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

**SUBMIT IN TRIPLICATE - Other instructions on page 1 - ARTESIA O.C.D.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**XTO ENERGY INCORPORATED** Contact: **STEPHANIE RABADUE**  
E-Mail: **stephanie\_Rabadue@xtoenergy.com**

3a. Address  
**6401 HOLIDAY HILL ROAD BLDG 5  
MIDLAND, TX 79707**

3b. Phone No. (include area code)  
**Ph: 432-620-6714**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec 19 T23S R30E NWNE 610FNL 1905FEL  
32.296047 N Lat, 103.918465 W Lon**

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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	Change to Original A PD
	<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 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 determined that the site is ready for final inspection.

XTO Energy, Inc respectfully requests the following on the Nash Unit 203H:

While drilling the Nash Unit 203H, XTO Energy was fracing the Remuda North 31 State 113H, whose bottom hole location/toe sleeve is set +/- 1500' from the Nash Unit 203H. During the frac on the Remuda well, XTO saw a heavy inflow of fresh water in the Nash lateral which has washed out the drilling mud on the 203H, preventing XTO from drilling ahead.

Due to the communication between fracturing and drilling, XTO Energy requests to set a RBP at +/- 7250', 50' above the last casing shoe, and test to 500psi for 30mins before moving to another well until flowback has occurred and the formation has reduced charge from the fracturing operation.

This request would be for 180-days or less. Within 180-days, XTO will return to the well and check

*GC 2/22/19  
Accepted for record - NMOCD*

*JS*

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

**Electronic Submission #454701 verified by the BLM Well Information System  
For XTO ENERGY INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 02/14/2019 (19PP1076SE)**

Name (Printed/Typed) **STEPHANIE RABADUE** Title **REGULATORY ANALYST**

Signature (Electronic Submission) Date **02/14/2019**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JONATHON SHEPARD Title PETROLEUM ENGINEER Date 02/14/2019

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 Carlsbad

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #454701 that would not fit on the form**

**32. Additional remarks, continued**

flowrate for safety of operations and hole integrity.

A current WBD of the Nash Unit 203H is attached.

## Nash Unit 203H

2nd Bone Spring, 3 Mile Lateral

**County:** Eddy  
**SHL:** 610' FNL, 1905' FEL  
 Sec 19, T 23S, R 30E  
**BHL:** 50' FNL, 1650' FEL  
 Sec 6, T 23S, R 30E  
**Area:** Potash



**AFE #** 1605552  
**XTO ID #** 22440  
**API #** 30-015-45496  
**Permit** BLM  
**Elevation** GL 3075', KB 3105' (30' AGL)  
**Rig:** Akita 90  
 5" (DS50), 5.5" (FH), 5" HW (NC50), 9.5" (7-5/8 Reg), 8" (6-5/8" Reg), 6.75" (H90)  
 \*\*Add'l Regulatory paperwork in WellView\*\*

TVD	Geology	Casing & Cement	Wellhead 10k (Tech Data Sheet)	Hole Size	General Notes
162'	Rustler	<u>Tail (100% OH excess)</u> 760 sx 14.8ppg class C Top of Tail @ 0'  18-5/8" 87.5# J-55 BTC	385' MD	24"	Notify NMOCD prior to spud, run csg, cmt, BOP Test  Drill out with 8.4-8.7 ppg FW mud  Inc/Az survey every stand
593'	Top of Salt	<u>Lead (100% OH excess)</u> 1745 sx 12.8ppg class C Top of Lead @ 0' <u>Tail (100% OH excess)</u> 750 sx 14.8ppg class C Top of Tail @ 2500'  13-3/8" 68# HCL-80 BTC	3225' MD	17-1/2"	RU H <sub>2</sub> S package No FIT required Drill out with ~10.0 ppg brine  Inc/Az survey every stand
3,174'	Base of Salt				
3,396'	Lamar / Delaware SWD in section ~350' away	Stage 2 <u>Lead (0% + 50bbbls OH excess)</u> 665 sx 12.8ppg class C Top of Lead @ 0' <u>Tail (100% OH excess)</u> 90 sx 14.8ppg class C Top of Tail @ 2975'	Composite DV Tool	12-1/4"	FIT to 10.1 ppg EMW Drill out with 8.8 ppg cut brine (as low as possible) Inc/Az survey every stand
4,217'	Cherry Canyon SWD in section ~350' away Producer in section				
5,873'	Brushy Canyon Producer in section	DV Tool no shallower than ~3275'			Ensure well drifts (15 - 80 azm), Slide when: Direction is not within window / Inc > 3 deg / OIMS chart Slides between 7-15'. NO GREATER w/o approval Do Not Slide During Transitions at all costs
6,891'	Basal Brushy Canyon Producer in section	Stage 1 <u>Lead (100% OH excess)</u> 775 sx 11.9ppg class Poz/H Top of Lead @ 3275' <u>Tail (100% OH excess)</u> 490 sx 14.8ppg class Poz/H Top of Tail @ 6300'			Expect lost returns (~7000')  SEND SEPARATION CALCULATOR EVERY 500'
7,188'	Bone Spring Producing laterals in section to north	9-5/8" 40# HCL-80 BTC 0 - 3280' 9-5/8" 40# J-55 BTC 3280' - TD	7300' MD		Set on Long end of strap Send final surveys to Engineer & Directional Co.
7,792'	Lower Avalon Shale			8-3/4" Curve	FIT to 10 ppg EMW Displace with 8.8-9.2 ppg Cut Brine RU Mud Loggers
8,142'	1st Bone Spring Sand	<u>Lead (0% OH excess)</u> 715 sx 11.5ppg class Poz/H Top of Tail @ 0'	KOP 8531' MD		Swap to OBM w/ directional BHA as per Tech Data Sheet  Maintain 9.1 ppg MW in the curve / lateral
8,518'	KOP (TVD)				
8,424'	2nd Bone Spring Carb	5-1/2" marker jts @ ~4500', 8500' MD', 11200' MD		8-3/4" Lateral	Survey every 45' in curve Survey every stand in vertical & lateral Contact Engineer before trips / Clean-Up Cycles
8,969'	2nd Bone Spring Sand	<u>Tail (30% OH excess)</u> 4260 sx 13.2ppg class Poz/H Top of Tail @ 6300'	EOC 9395' MD		
9,050'	2nd Bone Spring Target (Landing TVD)	Toe Sleeves @ ~12920' & 12870'		13,048' MD 9,019' TVD @ BHL 4,290' VS	Anti-Collision SF < 1.2 for following offsets N/A  3,653' Lateral 90.16° inc, 359.83° azm
9,019'	TVD @ BHL				