

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NM OIL CONSERVATION**

ARTESIA DISTRICT

DEC 22 2016

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.*

**Carlsbad Field Office**  
**UCD Artesia**

5. Lease Serial No.  
NMNM0556859  
6. Operator Name or Tribe Name  
7. Unit or CA/Agreement, Name and/or No.  
891014168X

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. NASH UNIT 60H	
2. Name of Operator XTO ENERGY INCORPORATED		9. API Well No. 30-015-43874-00-X1	
3a. Address 500 W ILLINOIS STREET SUITE 100 MIDLAND, TX 79701		3b. Phone No. (include area code) Ph: 432-620-6714	
10. Field and Pool or Exploratory Area NASH DRAW		11. County or Parish, State EDDY COUNTY, NM	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 13 T23S R29E SESW 350FSL 2135FWL 32.300384 N Lat, 103.939486 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 Change to Original APD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplate 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 a change to the original APD to include only the production hole, production casing and cement program to:

Hole Size:  
8-3/4" to +/- 7100' MD  
8-1/2" fr/+/- 7100' MD to Total Depth (11,127' MD)

Production Casing:  
5-1/2" 17# NEW CYP-110, set at 11,126'  
SF Collapse: 2.37  
SF Burst: 1.33  
SF Tension: 2.58

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #358776 verified by the BLM Well Information System For XTO ENERGY INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 12/13/2016 (17DLM03745)</b>	
Name (Printed/Typed) <b>STEPHANIE RABADUE</b>	Title <b>REGULATORY ANALYST</b>
Signature (Electronic Submission)	Date <b>11/22/2016</b>

*Accepted for record*  
**NMOC**  
*R. L. B.*

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

Approved By <u>MUSTAFA HAQUE</u>	Title <b>PETROLEUM ENGINEER</b>	Date <b>12/14/2016</b>
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 <b>Carlsbad</b>

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 #358776 that would not fit on the form**

**32. Additional remarks, continued**

Cement:

Lead: 335 sxs 11ppg NeoCem 3 pps Kol-Seal + 0.125 pps Poly-E-Flake(50% excess, 2.808 ft<sup>3</sup>/sxs, tol

@ 2600?) *SURFACE - SEE COA*

Tail: 1330 sxs 13.2 ppg NeoCem 0.4% Halad-344 + 0.125 pps Poly-E-Flake + 0.3% HR-601(30% excess, 1.4ft<sup>3</sup>/sxs, tol @ 5064?)

DEC 22 2016

**PECOS DISTRICT  
CONDITIONS OF APPROVAL**

RECEIVED

<b>OPERATOR'S NAME:</b>	XTO Energy Inc.
<b>LEASE NO.:</b>	NMNM-0556859
<b>WELL NAME &amp; NO.:</b>	Nash Unit 60H
<b>SURFACE HOLE FOOTAGE:</b>	0350' FSL & 2135' FWL
<b>BOTTOM HOLE FOOTAGE:</b>	0200' FNL & 1980' FWL
<b>LOCATION:</b>	Section 13, T. 23 S., R 29 E., NMPM
<b>COUNTY:</b>	Eddy County, New Mexico

All previous COAs still apply except for the following:

**A. CASING**

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

**Wait on cement (WOC) for Potash Areas:**

After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

**R-111-P-Potash**

**High Cave/Karst**

**Possibility of water flows in the Salado and Castile.**

**Possibility of lost circulation in the Rustler and Delaware.**

1. The minimum required fill of cement behind the 5 1/2 inch production casing is:

Cement to surface. Operator shall provide method of verification.

**MHH 12142016**



Haque, Mustafa &lt;mhaque@blm.gov&gt;

## ASAP Request: Sundry Approval

**Rabadue, Stephanie** <Stephanie\_Rabadue@xtoenergy.com>  
To: "Haque, Mustafa" <mhaque@blm.gov>

Thu, Nov 3, 2016 at 12:25 PM

Hello again!

The casing specs for 5-1/2" 17# BTC CYP-110 are as follows:

Inside Diameter: 4.892

Collapse Resistance: 7,460

Internal Yield Psi: 10,640

Joint Strength: 620

OD: 6.05"

If there's more that's needed, please let me know!

Thank you!

Stephanie Rabadue

Regulatory Analyst – Permian Division

432-620-6714

stephanie\_rabadue@xtoenergy.com

**From:** Haque, Mustafa [mailto:mhaque@blm.gov]

**Sent:** Thursday, November 03, 2016 1:16 PM

**To:** Rabadue, Stephanie

**Subject:** Re: FW: ASAP Request: Sundry Approval

Also, can you please email me the casing spec for 5 1/2" 17# BTC CYP-110

[Quoted text hidden]