

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101  
August 1, 2011  
Permit 248725

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

1. Operator Name and Address XTO ENERGY, INC 500 W. Illinois suite 100 Midland, TX 79701		2. OGRID Number 5380
4. Property Code 317520		3. API Number 30-025-44502
5. Property Name CHISTERA 32 STATE		6. Well No. 005H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	32	20S	33E	C	200	N	2310	W	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	32	20S	33E	N	200	S	1650	W	Lea

**9. Pool Information**

HAT MESA;BONE SPRING	30213
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3609
16. Multiple N	17. Proposed Depth 15586	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 8/1/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.75	54.5	1800	1600	0
Int1	12.25	9.625	36	3225	1150	0
Prod	8.75	5.5	17	15586	2320	0

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Deeann Kemp	Approved By: Paul Kautz
Title: Regulatory	Title: Geologist
Email Address: DeeAnn_Kemp@xtoenergy.com	Approved Date: 2/22/2018      Expiration Date: 2/22/2020
Date: 2/19/2018      Phone: 432-620-6724	Conditions of Approval Attached

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102  
 August 1, 2011  
 Permit 248725

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-44502	2. Pool Code 30213	3. Pool Name HAT MESA;BONE SPRING
4. Property Code 317520	5. Property Name CHISTERA 32 STATE	6. Well No. 005H
7. OGRID No. 5380	8. Operator Name XTO ENERGY, INC	9. Elevation 3609

10. Surface Location

UL - Lot C	Section 32	Township 20S	Range 33E	Lot Idn C	Feet From 200	N/S Line N	Feet From 2310	E/W Line W	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot N	Section 32	Township 20S	Range 33E	Lot Idn N	Feet From 200	N/S Line S	Feet From 1650	E/W Line W	County Lea
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12. Dedicated Acres 160.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**OPERATOR CERTIFICATION**  
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*  
  
 E-Signed By:       Deeann Kemp  
 Title:               Regulatory  
 Date:                2/19/2018

**SURVEYOR CERTIFICATION**  
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*  
  
 Surveyed By:       Dillon Harp  
 Date of Survey:    1/23/2018  
 Certificate Number: 23786

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Form APD Comments

Permit 248725

PERMIT COMMENTS

Operator Name and Address: XTO ENERGY, INC [5380] 500 W. Illinois suite 100 Midland, TX 79701		API Number: 30-025-44502
		Well: CHISTERA 32 STATE #005H

Created By	Comment	Comment Date
kkardos	A copy of the permit and associated drill island has been provided to Intrepid Potash Company and the Bureau of Land Management for review. Wells are located on an approved 2012 SOPA drill island.	2/19/2018
pkautz	Requested copies of Directional Drill Plan and Gas Capture Form 02/19/2018	2/19/2018
pkautz	POTASH AREA letters sent to BLM and SLO	2/19/2018
pkautz	Received Potash letter from BLM 02/21/2018. APD is on an approved drill island within an approved development area (10/06/2016)	2/21/2018

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Form APD Conditions

Permit 248725

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: XTO ENERGY, INC [5380] 500 W. Illinois suite 100 Midland, TX 79701	API Number: 30-025-44502
	Well: CHISTERA 32 STATE #005H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.