

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8161 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 186681

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

1. Operator Name and Address XTO ENERGY, INC XTO Energy, Inc. Aztec, NM 87410		2. OGRID Number 5380
4. Property Code 313270		3. API Number 30-025-41863
5. Property Name PERLA VERDE 31 STATE		6. Well No. 004H

**7. Surface Location**

UL - Lot P	Section 31	Township 19S	Range 35E	Lot Idn	Feet From 170	N/S Line S	Feet From 330	E/W Line E	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot A	Section 31	Township 19S	Range 35E	Lot Idn A	Feet From 200	N/S Line N	Feet From 330	E/W Line E	County Lea
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**9. Pool Information**

WC-025 G-08 S203506D;BONE SPRING	97983
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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 3700
16. Multiple N	17. Proposed Depth 15764	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date
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	13.375	48	1850	615	0
Int1	12.25	9.625	40	3950	1315	0
Prod	8.75	5.5	17	15764	1950	3450

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type Double Ram	Working Pressure 5000	Test Pressure 3000	Manufacturer Cameron
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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: Printed Name: Electronically filed by DIANE JARAMILLO Title: Email Address: diane_jaramillo@xtoenergy.com Date: 5/23/2014	<div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div> Approved By: Paul Kautz Title: Geologist Approved Date: 5/23/2014 Expiration Date: 5/23/2016 Conditions of Approval Attached
Phone: 505-793-7577	

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Permit 186681

**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:           DIANE JARAMILLO

Title:

Date:                     5/23/2014

**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:           Gary G Eidson

Date of Survey:        4/7/2014

Certificate Number:   12641

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

Form APD Comments  
  
 Permit 188681

**PERMIT COMMENTS**

Operator Name and Address: XTO ENERGY, INC [5380] XTO Energy, Inc. Aztec, NM 87410		API Number: 30-025-41863
		Well: PERLA VERDE 31 STATE #004H

Created By	Comment	Comment Date
SRabadue	This well will be drilled to 200'FNL but plugged back with cement to 330'FNL for a standard location. A directional drill survey and deviation survey will be provided to the NMOCD. Unable to attach plat & directional drill plan. Both will be e-mailed to P. Kautz and D. Mull 5.23.2014.	5/23/2014

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**Santa Fe, NM 87505**

Form APD Conditions  
 Permit 186681

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: XTO ENERGY, INC [5380] XTO Energy, Inc. Aztec, NM 87410		API Number: 30-025-41863
		Well: PERLA VERDE 31 STATE #004H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1) SURFACE & INTERNEMIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --