

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

**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
		3. API Number 30-039-31026
4. Property Code 304761	5. Property Name STATE COM	6. Well No. 113F

**7. Surface Location**

UL - Lot J	Section 2	Township 26N	Range 06W	Lot Idn J	Feet From 1975	N/S Line S	Feet From 1975	E/W Line E	County RIO ARRIBA
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**8. Pool Information**

BLANCO-MESAVERDE (PRORATED GAS)	72319
BASIN MANCOS	97232
BASIN DAKOTA (PRORATED GAS)	71599

**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 6635
14. Multiple Y	15. Proposed Depth 7780	16. Formation Dakota Formation	17. Contractor	18. Spud Date 2/15/2011
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

**19. Proposed Casing and Cement Program**

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	360	260	
Prod	7.875	5.5	15.5	645	100	
Prod	7.875	5.5	15.5	6450	245	
Prod	7.875	5.5	15.5	7780	100	
Prod	7.875	5.5	15.5	3375	270	
Prod	7.875	5.5	15.5	7780	60	
Prod	7.875	5.5	15.5	3375	100	

**Casing/Cement Program: Additional Comments**

3. WELLHEAD: Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 8-5/8" 8rnd thread on bottom and 11-3/4" 8rnd thread on top. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 2,000 psig WP (4,000 psig test), 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top. 4. CEMENT PROGRAM (Slurry design may change slightly, but the plan is to circulate cement to surface on both casing strings): Surface: 8.625", 24.0#, J-55, ST&C casing to be set @ ±360' in 12-1/4" hole. 260 sx of Type V cement (or equivalent) typically containing accelerator and LCM, mixed at 15.8 ppg, 1.17 ft<sup>3</sup>/sk, & 5.01 gal wtr/sk. Total slurry volume is 297 ft<sup>3</sup>, 100% excess of calculated annular volume to 360'. B. Production: 5.5", 15.5#, J-55 (or K-55), ST&C casing to be set @ ±7780' in 7.875" hole. DV Tools set @ ±6450' and @ ±3375'. 1st Stage LEAD: ±60 sx of Type V (or equivalent) typically containing dispersant, fluid loss additives, acc

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	
Double Ram	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by DIANE JARAMILLO	Approved By: Charlie Perrin
Title:	Title: District Supervisor
Email Address: diane_jaramillo@xtoenergy.com	Approved Date: 3/17/2011      Expiration Date: 3/17/2013
Date: 3/17/2011      Phone: 505-333-3109	Conditions of Approval Attached

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 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**  
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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 125592

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-31026	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 304761	5. Property Name STATE COM	6. Well No. 113F
7. OGRID No. 5380	8. Operator Name XTO ENERGY, INC	9. Elevation 6635

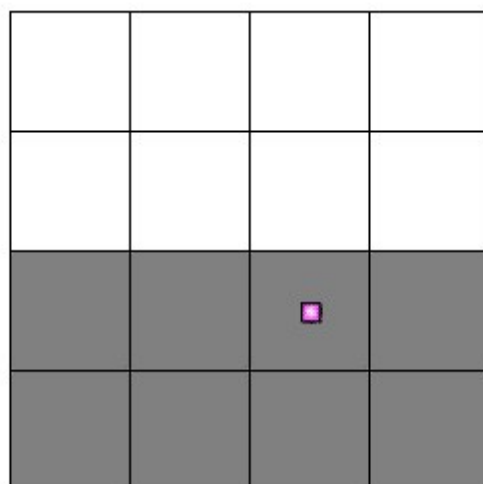
**10. Surface Location**

UL - Lot J	Section 2	Township 26N	Range 06W	Lot Idn	Feet From 1975	N/S Line S	Feet From 1975	E/W Line E	County RIO ARriba
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**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

**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: DIANE JARAMILLO

Title:

Date: 3/17/2011

**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: Roy Rush

Date of Survey: 7/3/2008

Certificate Number: 8894



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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-31026	2. Pool Code 97232	3. Pool Name BASIN MANCOS
4. Property Code 304761	5. Property Name STATE COM	6. Well No. 113F
7. OGRID No. 5380	8. Operator Name XTO ENERGY, INC	9. Elevation 6635

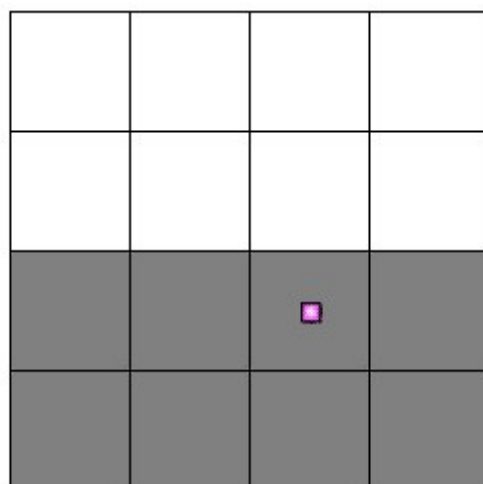
**10. Surface Location**

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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-31026	2. Pool Code 71599	3. Pool Name BASIN DAKOTA (PRORATED GAS)
4. Property Code 304761	5. Property Name STATE COM	6. Well No. 113F
7. OGRID No. 5380	8. Operator Name XTO ENERGY, INC	9. Elevation 6635

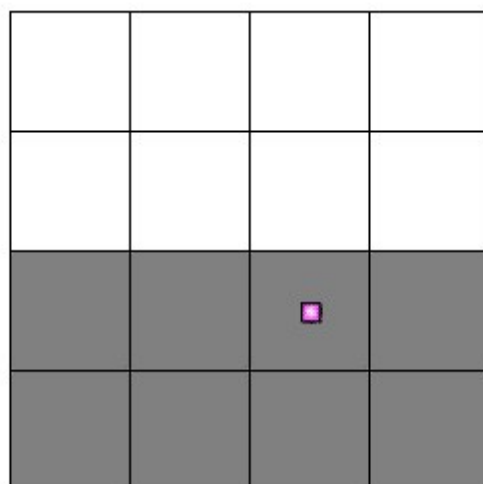
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Surveyed By: Roy Rush

Date of Survey: 7/3/2008

Certificate Number: 8894

## Permit Comments

**Operator:** XTO ENERGY, INC , 5380

**Well:** STATE COM #113F

**API:** 30-039-31026

Created By	Comment	Comment Date
CPerrin	Please fix acreage overlap	3/2/2011
CPerrin	correct csg ?	3/17/2011

# Permit Conditions of Approval

Operator: XTO ENERGY, INC , 5380

Well: STATE COM #113F

API: 30-039-31026

OCD Reviewer	Condition
CPerrin	Require Pit Permit