

**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 140356

**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 30-045-35325
4. Property Code 38949	5. Property Name HARE GAS COM	6. Well No. 003

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	14	29N	11W	G	2235	N	1590	E	SAN JUAN

**8. Pool Information**

BASIN FRUITLAND COAL (GAS)	71629
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 5575
14. Multiple N	15. Proposed Depth 1920	16. Formation Fruitland Coal	17. Contractor	18. Spud Date 1/1/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**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	214	
Prod	7.875	5.5	15.5	1920	155	
Prod	7.875	5.5	15.5	1920	100	

**Casing/Cement Program: Additional Comments**

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 at ? 360' in 12-1/4" hole. 214 sx of Type III cement (or equivalent) typically containing accelerator and LCM, mixed at 14.5 ppg, 1.39 ft3/sk, & 6.70 gal wtr/sk. Total slurry volume is 297 ft3, 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 at ? 1920' in 7.875" hole. 1st Stage LEAD: ±155 sx of Premium Lite HS (Type III/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 12.5

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	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"/> . Printed Name: Electronically filed by DIANE JARAMILLO Title: Email Address: diane_jaramillo@xtoenergy.com Date: 11/16/2011 Phone: 505-333-3109	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Charlie Perrin	
	Title: District Supervisor	
	Approved Date: 12/1/2011	Expiration Date: 12/1/2013

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**Santa Fe, NM 87505**

Form C-102  
August 1, 2011  
Permit 140356

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-35325	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 38949	5. Property Name HARE GAS COM	6. Well No. 003
7. OGRID No. 5380	8. Operator Name XTO ENERGY, INC	9. Elevation 5575

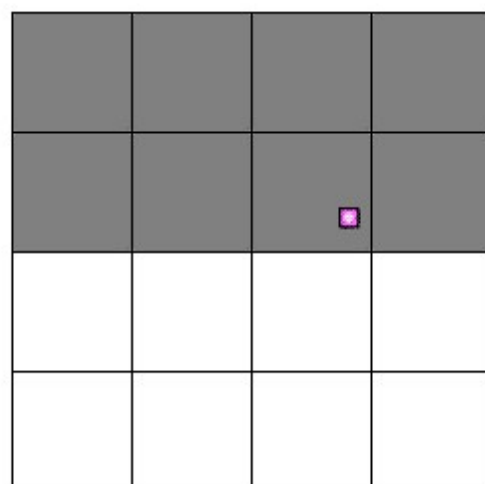
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
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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: 11/16/2011

**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: 1/24/2007  
Certificate Number: 8894