

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 382 ROAD 3100 AZTEC , NM 87410		2. OGRID Number 5380
		3. API Number 30-025-39221
4. Property Code 301583	5. Property Name BRIDGES STATE	6. Well No. 516

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	15	17S	34E	P	760	S	660	E	LEA

8. Pool Information

VACUUM;ATOKA-MORROW, NORTH (GAS)	86800
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4046
14. Multiple N	15. Proposed Depth 12600	16. Formation Chester	17. Contractor	18. Spud Date 10/20/2008
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	17.5	13.38	48	1650	425	
Int1	12.25	9.58	40	4650	1700	
Prod	8.75	5.5	17	12600	1600	

Casing/Cement Program: Additional Comments

XTO Energy proposes to: Drill 17-1/2" hole to 400', run 13-3/8" csg & cmt w/Lite Prem/Prem Plus cmt to surface. Drill 13-3/8" hole to 4650', run 9-5/8" csg & cmt w/Interfill C/Prem Plus cmt to surface. Drill 8-3/4" hole to 12600', run 5-1/2" csg & cmt w/Interfill H/Premium cmt to surface. MUD PROGRAM: 0-400': 8.6-9.0ppg FW/Native; 400-1800': 8.4-8.8ppg FW/Native; 1800-4650': 9.8-10.1ppg Brine; 4650-10000': 8.4-8.6ppg FW/Polymer sweeps; 10000-10500': 10.0ppg Cut Brine; 10500-12000': 10.0-11.0ppg Weighted brine w/LCM; 12000-12600': 11.0-11.3ppg Weighted brine w/LCM.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydrl	5000	2500	Hydrl GK
DoubleRam	5000	5000	Schaffer LWS

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 OCB-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Cheryl Moore Title: Production Accounting Supervisor Email Address: Cheryl_moore@xtoenergy.com Date: 9/30/2008 Phone: 505-333-3143	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/28/2008 Expiration Date: 10/28/2010	

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

1220 SOUTH ST. FRANCIS DR.

State Lease - 4 Copies

Santa Fe, New Mexico 87505

Fee Lease - 3 Copies

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code 62220	Pool Name Vacuum; Morrow, North
Property Code	Property Name BRIDGES STATE		Well Number 516
OGRID No. 5380	Operator Name XTO ENERGY		Elevation 4046'

Surface Location

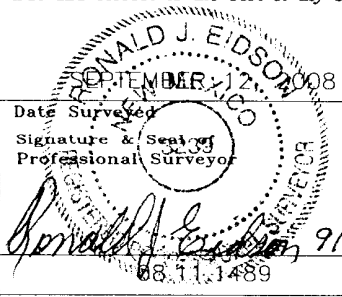
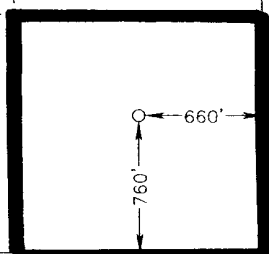
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	17-S	34-E		760	SOUTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=666445.1 N X=743232.6 E</p> <p>LAT.=32.829639° N LONG.=103.541496° W</p>				<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>Sorina L. Flores</i> 9/30/08 Signature Date</p> <p>Sorina L. Flores Printed Name</p>	
				<p>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p></p> <p>Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 9/22/08 8811-1489</p>	
				<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>	

Permit Comments

Operator: XTO ENERGY, INC , 5380

Well: BRIDGES STATE #516

API: 30-025-39221

Created By	Comment	Comment Date
pkautz	Vacuum;Atoka-Morrow, North (gas) pool requires 320 acres	10/1/2008
DMULL	OCD received form C-144 "Pit Registration". OCD Permit Number P1-00600.	10/28/2008