Form 3160-5 (April 2004)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

BUREAU OF I	LAND MANAGEMENT	A30,430	_ /	5. Lease Seria	l No.
SUNDRY NOTICES	AND REPORTS ON	WELLS 18 19 20 2	27332	NMSF077383	•
Do not use this form for	proposals to drill or t	o Kerenter an A			lottee or Tribe Name
abandoned well. Use For	m 3160-3 (APD) for su	i¢h∵propogeals 200	)		
SUBMIT IN TRIPLICATE -	Other instructions o	Treverse side	2772	7. If Unit or C	A/Agreement, Name and/or N
1. Type of Well	, "	60 DIST. 8		8. Well Name	and No
Oil Well X Gas Well Other		Vo.		FEDERAL G	and the second s
<ol><li>Name of Operator</li><li>XIO Energy Inc.</li></ol>		342	7		· · · · · · · · · · · · · · · · · · ·
3a. Address	[ 3b	. Phone No. (include a	rea code)	9 API Well N	
2700 Farmington Ave., Bldg. K. Ste	1 Farmington,	505-324-1090		30-045-327 10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey	Description)			BASIN DAKO	TA
1,975' FSL & 1,980' FWL				OTERO CHAC	
SEC. K27, T28N, R10W				11. County or	
40 OUEOK ADDDODDIATE	DOV/EC) TO INDIO	ATE NATURE OF	NOTICE DED	SAN JUAN	NM NED DATA
12. CHECK APPROPRIATE	BOX(ES) TO INDIC		·		HER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
X Notice of Intent	Acidize	Deepen	Production	n (Start/Resume)	Water Shut-Off
<i>QL</i>	Alter Casing	Fracture Treat	Reclamati	on	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomple	te	X Other Downhole
	Change Plans	Plug and Abandon		ily Abandon	
Final Abandonment Notice		Plug Back	Water Dis	•	Commingle
	Convert to Injection	Fing back	water Dis	posai	
Attach the Bond under which the work will be per following completion of the involved operations. It testing has been completed. Final Abandonment I determined that the final site is ready for final inspective.  XTO Energy, Inc. requests approve the Basin Dakota & Otero Chacra is commingle these pools upon complete.	If the operation results in a Notices shall be filed only a ction.) al for an exception in the Federal Gas	multiple completion or fter all requirements, in to NMOCD Rule Com #4. XTO Ex	recompletion in a necluding reclamation 303-C to pe	new interval, a Fon, have been co	orm 3160-4 shall be filed one impleted, and the operator has production from
Allocations are based upon a 9-se			follows:		
Basin Dakota:	Gas 86	5%	Oil 99%		
Otero Chacra	Gas 14		Oil 01%		
Both pools are included in the Ne for downhole commingling in the S royalty interest owners have been NMOCD has been notified of our in economical method of production wof correlative rights.	San Juan Basin. Von notified by certinated by submission	Working interest dified, return re n of a C-103. I gainst reservoir	c, net royal eceipt mail	ty interest on April 50 mingling with APPROVA	and overriding b, 2005. The II offer an gves & violation
14. I hereby certify that the foregoing is true and correct		Title		<del></del>	л
Name (Printed/Typed)  Melissa M Osborne		Regul:	atory Compli	<u> </u>	3
Melina M Bryna		Date 04/21/0		50	
	S SPACE FOR FEDER	AL OR STATE OF	FICE USE		ည
Approved by		Title			ate
Conditions of approval, if any, are attached. Approval of	of this notice does not warra	nt or Office	r. Eg		2/18/02
certify that the applicant holds legal or equitable title to which would entitle the applicant to conduct operations the	those rights in the subject	lease			l

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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n Dr., Hobbs, N.M. 88240 Grand Ave., Artesia, N.M. 88210 STRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised June 10, 2003 Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

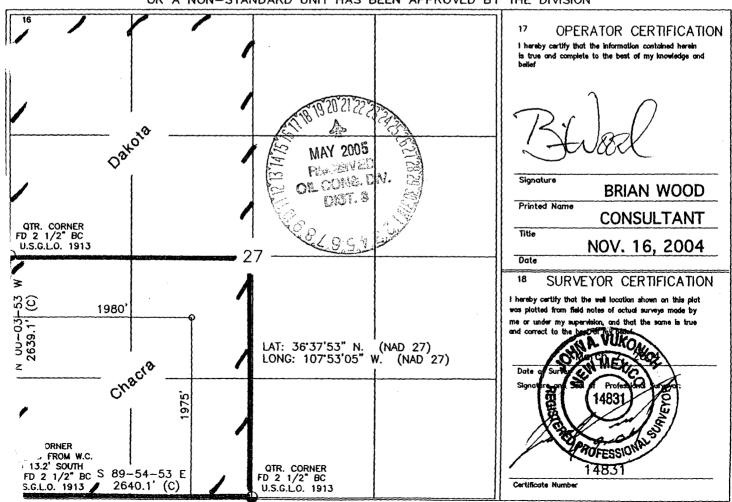
DISTRICT IV 1220 South St. Francis Dr., Santa Fe, NM 87505

1 1

### WELL LOCATION AND ACREAGE DEDICATION PLAT

'API	Number	<del></del>		<sup>2</sup> Pool Code	1	<sup>3</sup> Pool Name					· · · · · · · · · · · · · · · · · · ·	
			8232	29 & 71	599 OTERO CHACRA & BASIN DAKOTA						ГА	
<sup>4</sup> Property Co	de									eli Number		
			•		FEDERAL	GAS	OOM				4	
<sup>7</sup> OGRID No					*Oper	ator N	ame			•	* Elevation	
167067			•		XTO EN	IERG'	r INC.				5886'	
	<del>-</del>			- <del></del>	10 Surfa	ice	Location	······································		<del></del>		
UL or lot no.	Section	Township	Range							County		
<u>. K</u>	27	28-N	10-W	10-W 1975 SOUTH 1980 WEST SAN JU						SAN JUAN		
			11 Bott	om Hole	Locati	on I	f Different Fr	om Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	he	North/South line	Feet from the	East/We:	st line	County	
<sup>2</sup> Dedicated Acres	3	1	13 Joint or In	ofili	14 Consolidat	ion Co	de	<sup>18</sup> Order No.	1		<u> </u>	
160 (CH)	& 320	) (DK)	<u> </u>	·	<u> </u>			<u> </u>				
NO ALLOY	VABLE V	VILL BE /	ASSIGNE	O TO THE	S COMP	ETIC	ON UNTIL ALL	INTERESTS I	HAVE B	EEN C	ONSOLIDATE	

OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

Nio Brazos Road, Aztec, NM 87410

istrict IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

# **Oil Conservation Division**

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

X Single Well

# APPLICATION FOR DOWNHOLE COMMINGLING

X	Establish Pre-Appr	oved Pools
	EXISTING W	
	Vac	Y No

XTO Energy Inc.	2700 Farmington Av	e, Suite K-1	Farmington, N	M 87401			
Operator Federal Gas Com	#4	Address K Sec 27, T28N-R10	w		San Juan	County	
Lease	Well No.	Unit Letter-Section-Tow	nship-Range		(	County	
OGRID No. 167037 Property Cod	de_022703API N	No30-045-32710	Lease	e Type_X	_Federal	_ State	_Fee
DATA ELEMENT	UPPER ZO	ONE INTE	RMEDIATE ZO	ONE	LOWE	CR ZONE	
Pool Name	Otero Cha	cra			Basir	ı Dakota	
Pool Code	82329				7	1599	
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)							
Method of Production (Flowing or Artificial Lift)							
Bottomhole Pressure (Note: Pressure data will not be required if the bottom verforation in the lower zone is within 150% of the epth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)							
Producing, Shut-In or New Zone	New Zon	e			Nev	v Zone	
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates			Date: Lates:		
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 1% - 14%	Gas Oil	Gas %	% C	99 %	Gas %- 86 %	
		ADDITIONAL DAT	<u>`A</u>				
Are all working, royalty and overriding	royalty interests ident	ical in all commingled z	ones?		Yes	No	× 
If not, have all working, royalty and ov	erriding royalty interes	st owners been notified b	y certified mail?		Yes	x <sub>No</sub>	
Are all produced fluids from all commi			•		Yes	X No	
	•	e with each other.			.03		X
Will commingling decrease the value o					Yes	No	_
If this well is on, or communitized with or the United States Bureau of Land Ma				nds	Yes	XNo	
NMOCD Reference Case No. applicable Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histor Data to support allocation method of Notification list of working, royalty Any additional statements, data or of	eled showing its spacing at least one year. (If now, estimated production formula.)	ng unit and acreage dediction available, attach explain rates and supporting despreyengers or uncommonstrates for uncommonstrates.	eation. anation.) ata.				
	PI	RE-APPROVED PO	OLS				
If application is	to establish Pre-Appro	oved Pools, the following	g additional inform	ation will be	e required:		
List of other orders approving downhol List of all operators within the proposed Proof that all operators within the proposed Bottomhole pressure data.	Pre-Approved Pools			1.			
I hereby certify that the information	above is true and co		my knowledge a Compliance Tech	nd belief. DATE	April 5, 2005		
	<i>J. C. L. L. L.</i> M-Osborne		EPHONE NO.	_DATE (505) 566-	7925		
THE ORTKINT NAME		1EL	ETTONE NO				
E-MAIL ADDRESS							



2700 Farmington Ave, K-1 Farmington, NM 87401 Phone: (505) 324-1090 FAX: (505) 564-6700

April 5, 2005

RE:

Notice of Intent to Apply for Downhole Commingling

Federal Gas Com #4

Sec 27K, T28N, R10W; 1975' FSL & 1980' FWL

aldre

San Juan County, NM

To: All working interest, royalty interest and overriding royalty interest owners.

XTO Energy Inc. is applying for permission to downhole commingle the Basin Dakota (71599) and the Otero Chacra (82329) pools in the Federal Gas Com #4. We propose to downhole commingle production from both pools after this well is drilled and upon approval from the NMOCD. NMOCD requires all interest owners be notified of intent to downhole commingle if ownership is different between pools.

Both of these pools are included in the New Mexico Oil Conservation Division pre-approved pool combinations for downhole commingling in the San Juan Basin. Based upon the 9-section EUR's for the Basin Dakota and Otero Chacra, XTO Energy Inc. proposes allocation of commingled production as follows:

Pool	Oil	Water	Gas
Basin Dakota	99%		86%
Otero Chaca	1%		14%

If you need additional information or have any questions, I may be contacted at (505) 566-7925. If you are opposed to commingling production from these two pools please respond in writing within 20 days of the date of this letter to XTO Energy Inc., 2700 Farmington Avenue, Suite K-1, Farmington, NM 87401.

Sincerely.

Melissa M Osborne

Regulatory Compliance Tech

xc: Well File

FW Land Dept.

#### Federal Gas Com #4 - Allocation

				Loc	ation			Cum Gas	Cum Oil	EUR Gas	EUR Oil
Well	No	Operator	Sec	Unit	Twn	Rng	Reservoir	(mmcf)	(mbo)	(mmcf)	(mbo)
Basin Dakota		•				_		,	` ,	,	, ,
DAVIDSON GAS COM G	1	XTO ENERGY INCORPORATED	21	Н	28N	10W	DAKOTA	7,569	79	8,041.7	80.8
DAVIDSON GAS COM G	1E	XTO ENERGY INCORPORATED	21	0	28N	10W	DAKOTA	1,143	7	1,436.5	7.2
KUTZ FEDERAL	12	XTO ENERGY INCORPORATED	21	М	28N	10W	DAKOTA	6,901	65	7,392.3	65.2
KUTZ FEDERAL	12E	XTO ENERGY INCORPORATED	21	D	28N	10W	DAKOTA	1,432	0	2,634.2	0.5
KUTZ FEDERAL	14Y	XTO ENERGY INCORPORATED	21	E	28N	10W	DAKOTA	908	6	1,240.0	6.0
DAVIDSON GAS COM H	1	XTO ENERGY INCORPORATED	22	Н	28N	10W	DAKOTA	6,837	65	7,326.9	67.2
DAVIDSON GAS COM H	1E	XTO ENERGY INCORPORATED	22	С	28N	10W	DAKOTA	1,066	7	1,252.3	7.9
KUTZ CANYON	1	QUESTAR EXPLORATION & PRODUCTION CO	22	М	28N	10W	DAKOTA	5,209	53	2,794.0	25.9
KUTZ CANYON	1E	QUESTAR EXPLORATION & PRODUCTION CO	22	Р	28N	10W	DAKOTA	553	3	626.3	3.5
OMLER A	1	CONOCOPHILLIPS COMPANY	26	G	28N	10W	DAKOTA	1,709	16	1,709.0	15.9
OMLER A	3	CONOCOPHILLIPS COMPANY	26	М	28N	10W	DAKOTA	2,388	24	2,660.2	26.2
OMLER A	1E	CONOCOPHILLIPS COMPANY	26	F	28N	10W	DAKOTA	424	3	424.0	2.9
OMLER A	3E	CONOCOPHILLIPS COMPANY	26	0	28N	10W	DAKOTA	574	4	600.0	4.4
FEDERAL GAS COM	2	XTO ENERGY INCORPORATED	27	М	28N	10W	DAKOTA	8,595	99	9,564.8	99.4
FEDERAL GAS COM	2E	XTO ENERGY INCORPORATED	27	F	28N	10W	DAKOTA	99	. 0	459.4	0.3
KUTZ DEEP GAS COM D	1	XTO ENERGY INCORPORATED	27	Α	28N	10W	DAKOTA	3,644	46	3,987.9	46.7
KUTZ DEEP GAS COM D	1E	XTO ENERGY INCORPORATED	27	ı	28N	10W	DAKOTA	596	4	671.2	4.1
DAVIDSON GAS COM F	1	XTO ENERGY INCORPORATED	28	М	28N	10W	DAKOTA	3,482	46	3,852.7	45.7
DAVIDSON GAS COM F	1E	XTO ENERGY INCORPORATED	28	F	28N	10W	DAKOTA	903	6	1,254.9	6.2
FEDERAL GAS COM	1	XTO ENERGY INCORPORATED	28	Α	28N	10W	DAKOTA	4,237	44	4,632.9	45.8
FEDERAL GAS COM	1E	XTO ENERGY INCORPORATED	28	J	28N	10W	DAKOTA	219	1	920.4	3.1
FRED FEASEL H	1	XTO ENERGY INCORPORATED	33	Н	28N	10W	DAKOTA	3,855	37	4,149.0	39.1
FRED FEASEL H	1E	XTO ENERGY INCORPORATED	33	0	28N	10W	DAKOTA	1,157	8	1,168.5	8.2
KUTZ FEDERAL	13	XTO ENERGY INCORPORATED	33	κ	28N	10W	DAKOTA	2,715	27	2,715.0	27.0
KUTZ FEDERAL	13E	XTO ENERGY INCORPORATED	33	С	28N	10W	DAKOTA	104	0	842.8	1.8
FRED FEASEL J	1	XTO ENERGY INCORPORATED	34	G	28N	10W	DAKOTA	4,239	77	4,606.6	76.5
FRED FEASEL J	1E	XTO ENERGY INCORPORATED	34	0	28N	10W	DAKOTA	1,000	8	1,272.0	7.6
MCLEOD	2	CONOCOPHILLIPS COMPANY	34	L	28N	10W	DAKOTA	3,836	27	4,164.2	29.2
MCLEOD	2E	CONOCOPHILLIPS COMPANY	34	E	28N	10W	DAKOTA	468	2	467.5	2.1
COLE A	1	CONOCOPHILLIPS COMPANY	35	L_	28N	10W	DAKOTA	2,820	27	3,155.7	29.7
COLE A	1E	CONOCOPHILLIPS COMPANY	35	<u>!</u>	28N	10W	DAKOTA	520	2	652.1	2.9
OMLER A	2	CONOCOPHILLIPS COMPANY	35	G	28N	10W	DAKOTA	1,955	21	1,654.6	21.4
OMLER A	2E	CONOCOPHILLIPS COMPANY	35	D	28N	10W	DAKOTA	483	3	559.9	3.8
Average										2,694	25
0. 01											
Otero Chacra	F	T	T	T	T	I	T				
DAVIDSON GAS COM H	1E	XTO ENERGY INCORPORATED	22	С	28N	10W	CHACRA	247	0.1	839.3	0.1
KUTZ FEDERAL B	1	XTO ENERGY INCORPORATED	22	Н	28N	10W	CHACRA	542	0.2	884.9	0.2
OMLER A	11	CONOCOPHILLIPS COMPANY	26	L	28N	10W	CHACRA	98	0.0	98.2	0.0
OMLER A	17	CONOCOPHILLIPS COMPANY	26	В	28N	10W	CHACRA	199	0.0	203.0	0.0
OMLER A	3E	CONOCOPHILLIPS COMPANY	26	0	28N	10W	CHACRA	265	1.0	278.7	1.0
KUTZ DEEP GAS COM D	1E	XTO ENERGY INCORPORATED	27		28N	10W	CHACRA	82	0.0	369.0	0.0
KUTZ FEDERAL C	1	XTO ENERGY INCORPORATED	27	G	28N	10W	CHACRA	186	0.0	310.4	0.0
COLE A	1E	CONOCOPHILLIPS COMPANY	35	1	28N	10W	CHACRA	282	0.0	328.1	0.0
OMLER A	1E	CONOCOPHILLIPS COMPANY	35		28N	10W	CHACRA	775	0.6	820.9	0.7
OMLER A	2E	CONOCOPHILLIPS COMPANY	35	D	28N	10W	CHACRA	365	0.0	384.7	0.0
Average									l	452	0

	Gas	Oil
Otero Chacra Allocation	14%	1%
Basin Dakota Allocation	86%	99%

#### Federal Gas Com #4 DHC WI-owner list-

1 .1 . . . .

GEORGE K. SEROVY LIFE ESTATE REMAINDERMAN: WILLIAM A. SEROVY 2827 GREENSBORO DRIVE AMES, IA 50014-4530

1 1 1 1 1 1 . .

GWENDOLYN RANKIN 2221 S 90TH STREET OMAHA, NE 68124

JEAN D YOCUM & SUNNY J. YOCUM, JTROS 1633 W CHARLESTON AVE PHOENIX, AZ 85023-2506

HELEN M. DAPPER & MARY JO WELSH JOINT TENANTS 611 8TH AVENUE S.E. CEDAR RAPIDS, 1A 52401

LEON M. DUCHARME MARITAL TRUST RITA MAE DUCHARME & JOYCE J. NEVILLE, CO-TRUSTEES 2617 S WADSWORTH CIRCLE LAKEWOOD, CO 80227-3220

B.B.L., LTD. P.O. BOX 911 BRECKENRIDGE, TX 76424-0911

KEG, A TEXAS PARTNERSHIP C/O ERIC K. HANSON, PARTNER PO BOX 1212 MIDLAND, TX 79702

CHATEAU ENERGY INC 10440 N CENTRAL EXPRESSWAY STE 1475 DALLAS, TX 75231-2221

WILLIAM L. FLOYD, JR 16 EAST 77TH ST APT 5A NEW YORK, NY 10021

RITA TREASA FLOYD C/O COMERICA BANK -TX TRUSTEE ATTN: JOHN W LOWRIE PO BOX 4167 (MAIL CODE 6605) HOUSTON, TX 77210-4167

RITA MAE DUCHARME 2617 S WADSWORTH CIRCLE LAKEWOOD, CO 80227-3220

COMSTOCK OIL & GAS, INC. 5300 TOWN & COUNTRY BLVD. #500

### Federal Gas Com #4 DHC WI owner list

FRISCO, TX 75034

ONALEE R. BORGUS 5659 S SCARLET OAK TERRACE HOMOSASSA, FL 34446

GLENDA JANE BARBER 8792 RT 408 NUNDA, NY 14517

PATRICIA F. MILLER 5224 SHRIVER AVE DES MOINES, IA 50312

TCW DR II ROYALTY PARTNERSHIP 865 SOUTH FIGUEROA ST #1800 LOS ANGELES, CA 90017

JUDITH M. TIGNER TRUST JUDITH M. TIGNER, TRUSTEE 104 EAST KENDRICK ST RAWLINS, WY 82301

MMS CTOC FEDERAL C/O CROSS TIMBERS OIL COMPANY 810 HOUSTON ST STE 2000 FORT WORTH, TX 76102-6298

LEGACY ROYALTIES LTD PO BOX 1360 TYLER, TX 75710-1360

Submik 3 Copies To Appropriate District Uffice District 1 1625 N. French Dr., Hobbs, NM 88240	State of New Mexico Minerals and Natural Resources	Form C-103 May 27, 2004 WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL C	ONSERVATION DIVISION 220 South St. Francis Dr. Santa Fe, NM 87505	30-045-32710  5. Indicate Type of Lease STATE X FEE  6. State Oil & Gas Lease No. NMSF077383
SUNDRY NOTICES AND RE (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL DIFFERENT RESERVOIR. USE "APPLICATION FOR PE PROPOSALS.)  1. Type of Well: Oil Well Gas Well   2. Name of Operator XTO ENERGY INC.	OR TO DEEPEN OR PLUG BACK TO A RMIT" (FORM C-101) FOR SUCH	7. Lease Name or Unit Agreement Name  FEDERAL GAS COM  8. Well Number  9. OGRID Number  167067
3. Address of Operator 2700 FARMINGTON AVE, SUITE K-1, FARM 4. Well Location	MINGTON, NM 87401	10. Pool name or Wildcat Basin Dakota/Angels Peak Gallup
Unit Letter K : 1975' feet  Section 27 To	from the South line and 1 winship 28N Range 10W on (Show whether DR, RKB, RT, GR, etc.)	NMPM San Juan County
Pit Liner Thickness: mil Below-Gra		onstruction Material
NOTICE OF INTENTION  PERFORM REMEDIAL WORK  PLUG AND  TEMPORARILY ABANDON CHANGE P  PULL OR ALTER CASING MULTIPLE	ABANDON	SSEQUENT REPORT OF:  RK
		nd give pertinent dates, including estimated date ttach wellbore diagram of proposed completion
XTO Energy Inc. requests approval for except & the Otero Chacra (82329) XTO Energy Inc.		
Allocations are based upon a 9-section EUR a	and are calculated as follows:	
Basin Dakota Otero Chacra		Oil 99% Oil 01%
Both pools are included in the NMOCD pre-ap net royalty interest and overriding royalty inter The BLM has been notified with form 3160-5 of production while protecting against reservoir of	est owners have been notified by ce of our intent to DHC. Downhole com	rtified, return receipt mail on April 5 <sup>th</sup> , 2005. mingling will offer an economical method of
I hereby certify that the information above is true a grade tank has been/will be constructed or closed according		
SIGNATURE Melissa M. Osborne  For State Use Only	TITLERegulatory Comp E-mail address: Regulatory@	pliance Tech DATE 04/21/2005 xtoenergy.com_Telephone No. 505-566-7925
APPROVED BY:  Conditions of Approval (if any):	TITLE	DATE