10/15/20/4

PLC

PMAM1428858331

ABOVE THIS LINE FOR DIVISION USE ONLY

Print or Type Name.

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



[A] Che [B] [C]	APPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Simultaneous Dedication NSL NSP SD COMMINISTRY LLC CK One Only for [B] or [C] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR Other: Specify TION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
[D] [2] NOTIFIC A	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR Other: Specify TION PEOUPED TO: Check Those Which Apply or Does Not Apply
	TION DECLUPED TO: Check Those Which Apply or Door Not Apply
	X Working, Royalty or Overriding Royalty Interest Owners
[B] [C] [D]	Offset Operators, Leaseholders or Surface Owner Application is One Which Requires Published Legal Notice Application and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above Proof of Notification or Publication is Attached and/or 3 usuals 32
[E] [F]	U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, 30-045-34 Waivers are Attached Waivers are Attached
SUBMIT A OF APPLI	CCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE . Gas. CATION INDICATED ABOVE. Fruitia Comp
approval is accurate	ATION: I hereby certify that the information submitted with this application for administrative 7/62 g and complete to the best of my knowledge. I also understand that no action will be taken on this required information and notifications are submitted to the Division.

e-mail Address

Kristen babcock@xtoenergy.com



RECEIVED OCD

7/11/382.CR 3100 Aztec, NM 87410 (505)333-3100 FAX; (505)333-3280

October 10, 2014

Mr. Michael McMilan New Mexico Oil Conservation Division 1220 South Saint Francis Drive Santa Fe, NM 87505

Subject: Request for Proposed Surface Commingle

LC Kelly #16 & LC Kelly #1E

Sec 5, T30N, R12W San Juan County, NM

Dear Mr. McMilan:

RECEIVED (OCI)

XTO Energy Inc. requests permission for surface commingling of natural gas produced from the following wells: LC Kelly #16 Gas Well and the LC Kelly #1E Gas Well. These wells are located in Section 5-Township 30N-Range 12W UL C, in San Juan County, New Mexico.

XTO plans to produce the commingled gas through a central compressor, thus decreasing emissions, lowering operating expenses and extending the economic life of the wells. This increases the ultimate recoveries on all leases. The anticipated allocated fuel production and fuel usage for the compressor is noted in the attachments.

The LC Kelly #1E will be equipped with an allocation meter that will be maintained by XTO Energy in accordance with State and Federal Regulations (Onshore Order No. 5). An allocations meter will also be set downstream of the CDP. Production volumes for the LC Kelly #16 will be calculated by subtracting the CDP volume from the LC Kelly #1E volume. Produced liquids will not be surface commingled. Ownership for these two wells is diverse; therefore all interest owners have been notified via certified mail, return receipt, on October 9, 2014.

The following attachments are included with this application:

Form C107B (application for surface commingle; diverse ownership)

Map of all wells and their associated leases

Form C-102 for each well (plats)

Table of well with lease and agreement information, spacing, permits, gravities/BTU, MCF

Schematic diagram showing all flowlines, compressors & equipment

Details of allocation formula

Letter to WI, NRI & ORRI owners & list of owners

ten D. Babcock

Administrative Application Checklist

Sincerely.

Kristen D. Babcock Regulatory Analyst District I

1625 N. French Drive, Hobbs, NM 88240

District II 1301 W. Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410 2.56.16t 1 V 1220 S. St Francis Dr, Santa Fe, NM 87505

E-MAIL ADDRESS: kristen_babcock@xtoenergy.com

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 S. St Francis Drive Santa Fe, New Mexico 87505

Form C-107-B Revised June 10, 2003

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

	ATION FOR SURFACE	COMMINGLING	(DIVERSE	OWNERSHIP)	
OPERATOR NAME:	XTO Energy, Inc.			·	
OPERATOR ADDRESS:	382 CR 3100, Aztec, NM 874	110			
APPLICATION TYPE:				•	
☑ Pool Commingling ☐ Lease	Commingling Pool and Lease C	Commingling Off-Lease	Storage and Measur	rement (Only if not Surface	e Commingled)
LEASE TYPE:			·		
Is this an Amendment to exis	sting Order? Yes No	If "Yes", please include	the appropriate C	Order No.	
Have the Bureau of Land Ma ☐ Yes ☐ No	anagement (BLM) and State La	nd office (SLO) been no	tified in writing o	of the proposed comm	ingling
		OOL COMMINGLIN eets with the following in			
(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	: Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Basin Dakota (71599)					
Basin Fruitland Coal (71629)					
				•	
(5) Will commingling decreas		ASE COMMINGLIN	NG	ing should be approved	
	Please attach she	eets with the following i	nformation		
(1) Pool Name and Code.		1.,			
	ne source of supply? Yes In notified by certified mail of the property.		□Yes □N	0	
	letering	roposed comminging:		U	
				· · · · · · · · · · · · · · · · · · ·	
	(C) POOL ar	nd LEASE COMMIN	IGLING		
		ets with the following i	nformation	·	
(1) Complete Sections A and	Е.				····
		STORAGE and MEA			
(1) I all and all of the Comment		neets with the following	information	·	
(1) Is all production from sam(2) Include proof of notice to]No			
	(E) ADDITIONAL INF			(pes)	
(1)		eets with the following i	nformation		
	acility, including legal location. ies showing all well and facility loc	eations. Include lease numb	ers if Federal or St	ate lands are involved	
-	Well Numbers, and API Numbers.	actoris. Intrade tease numb	on the second of the	are mirotred.	
<u> </u>					
I hereby certify that the informa	tion above is true and complete to t	the best of my knowledge ar TITLE: REGULATOR		DATE: <u>10/</u>	1 <u>0/14</u>
1000		J.			
TYPE OR PRINT NAMEK	RISTEN D. BABCOCK		TELE	EPHONE NO.: <u>_505-333</u> -	<u>3206</u>

DISTRICT | 1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico

Form C-102 Revised August 15, 2000

DISTRICT II 811 South First, Artesia, N.M. 88210

DISTRICT III

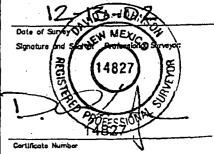
OIL CONSERVATION DIVISION

Submit to Appropriate District Office State Lease — 4 Copies Fee Lease — 3 Copies

1000 Rio Brazos Ro	1, Aztec, N.	M. 87410			2040 Sa Santa F			SEC.D	/ SAN JÚ	AN	Lee Fea	•
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LOT 18

LOT 17



NEW MEXICO OIL CONSERVATION COMMISSION : WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C+10. Supersedes C+118 Extective (++68

	All distances sust on from the oliter boundaries of the Section						
M. R. Schalk		L. C. Kelly		Weit vo.			
Co. Section 5	30 North	12 West	unty San Jus	an .			
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Cround Luvel Elev: Producing F		Post		Designed Actaques			
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1. Outline the acreage dedic	cated to the subject w	ell by colored bencil or h	achure marks	on the plat below.			
2. If more than one lease interest and royalty).	s dedicated to the wel	l, outline each and identif	ly the owner	ship thereof (both as to working			
3. If more than one lease of dated by communitization.			ve the interes	sts of ail owners been consoli-			
☐ Yes ☐ No H	answer is "yes," type o	of consolidation					
If answer is "no," list the this form if necessary.) No allowable will be assign	e owners and tract desc	riptions which have actus	solidated (b	y communitization, unitization, been approved by the Commis-			
				CERTIFICATION			
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		,		M. R. Schalk			
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LC Kelly #16 CDP

Proposed Allocation Procedure

Base Data:

W = Gas Volume (Mcf) from allocation meters at individual wells during allocation period

X = Gas Volume (Mcf) from CDP Sales Meter during allocation period

Y = BTU's from CDP Sales Meter during allocation period

Allocation Period is typically a calendar month and will be the same for all wells.

1. Individual Well Gas Production = A + B + C + D + E

A = Allocated Sales Volume, $Mcf = (W/SUM \ W) \times X$ (individual well volume divided by the sum of the well volumes; multiplied by total from CDP)

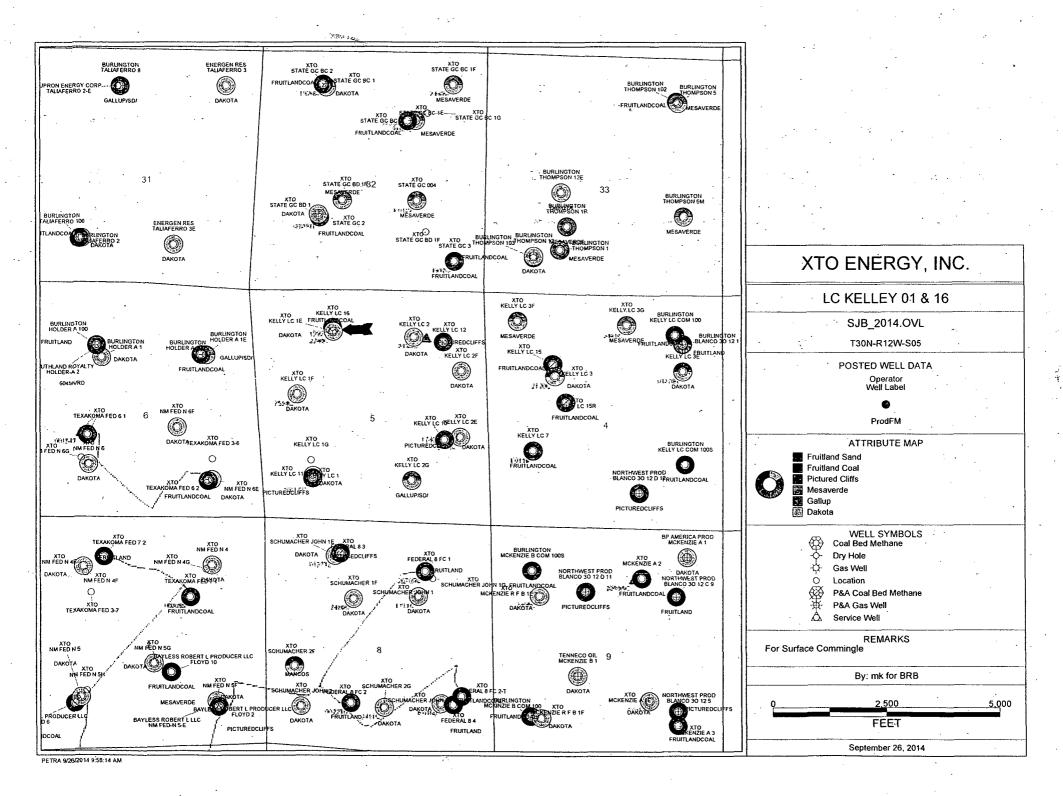
B = On lease fuel usage, Mcf. Determined from equipment specifications and operating conditions.

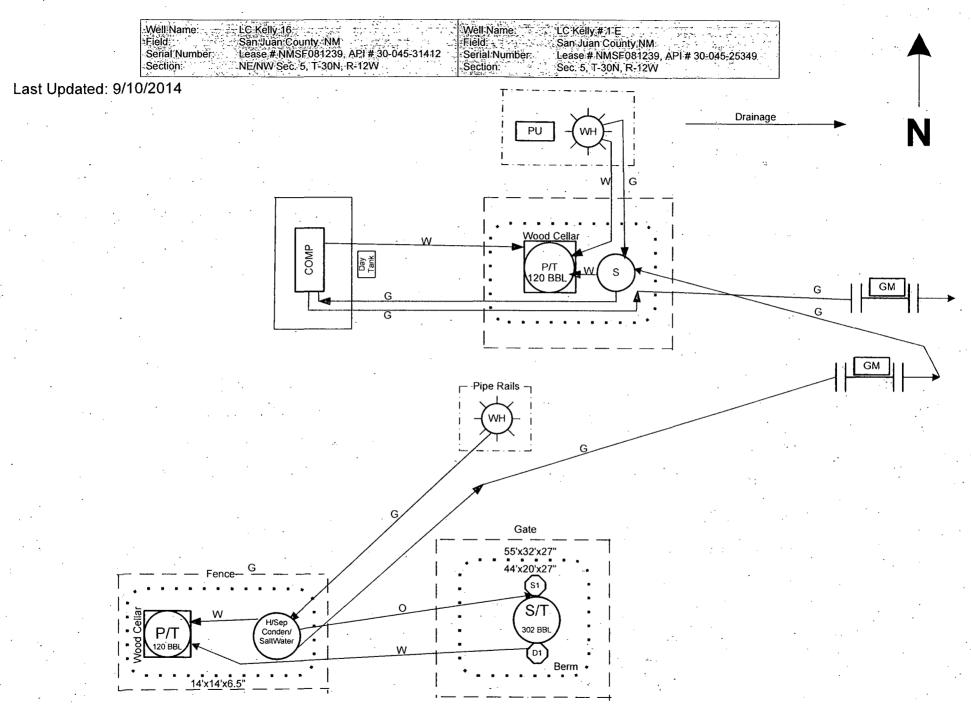
C = Purged and/or vented gas from well and/or lease equipment, Mcf. Calculated using equipment specifications and pressures.

D = Allocated fuel from gathering system equipment. The total fuel required to operate gathering system equipment will be allocated to the individual wells benefiting from the equipment using allocation factors determined by W/SUM W for the wells involved.

E = Allocated volume of gas lost and/or vented from the gathering system and/or gathering system equipment, Mcf. The total volume will be determined using industry accepted procedures for the conditions existing at the time of the loss. All volumes corresponding to liquid condensation within the gathering system will also be determined. The total volume lost and/or vented will be allocated to the individual wells affected using factors determined by W/SUM W.

2. <u>Allocated Individual Well BTU's</u> = ((W x Individual well BTW/SUM (@ x individual well BTU)) x Y. Individual well gas heating values to be determined in accordance with BLM regulations (currently Onshore Order #5).





This lease is subject to the site security plan for San Juan Basin Area. The plan is located at:

XTO ENERGY INC.

382 Road 3100

Aztec, NM 87410

XTO ENERGY INC.

Lease: L C Kelly #016

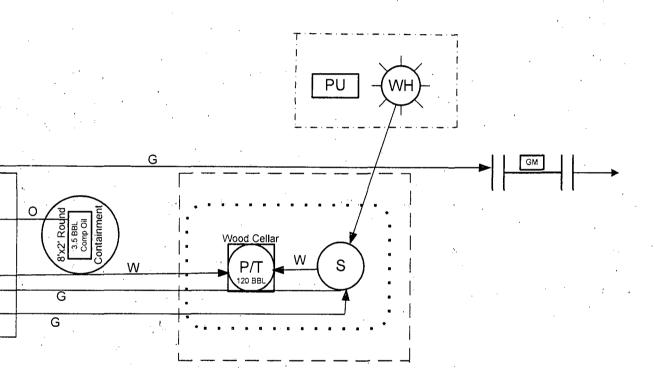
Location: NE/NW Sec. 05, T30N, R12W

Federal Agreement: NMSF-081239 API# 30-045-31412

Last Updated: 12/22/2011

COMP

Drainage



General sealing of valves, sales by tank gauging
Production phase: Drain valve D1 and sales valve S1 sealed closed.
Sales phase: Drain valve D1 sealed closed. Sales valve S1 open.
Draining phase: Drain valve D1 open. Sales valve S1 closed.

This lease is subject to the site security plan for San Juan Basin Area. The plan is located at: XTO ENERGY INC.

382 Road 3100

Aztec, NM 87410

Plot Plan/Facility Diagram

Well Name: Field:

LC Kelly # 1 E San Juan County NM

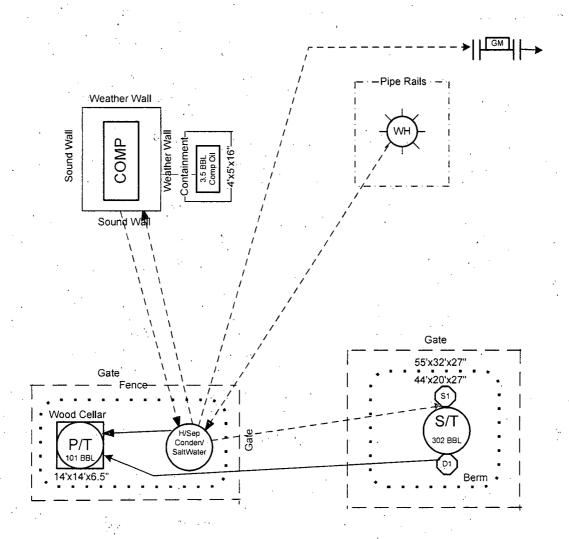
Serial Number:

Lease # SF-081239, API # 30-045-25349

Section: Updated: Sec. 5, T-30N, R-12W 5/23/2011

Drainage





Production Gas Oil Water Equalizing Line Catch Basin-

Flow Lines Buried Flow Lines General sealing of valves, sales by tank gauging Production phase: Drain valve D1 and sales valve S1 sealed closed. Sales phase: Drain valve D1 sealed closed. Sales valve S1 open. Draining phase: Drain valve D1 open. Sales valve S1 closed.

This lease is subject to the site security plan for San Juan Basin Area. The plan is located at: XTO ENERGY INC.
382 Road 3100

Aztec, NM 87410

WELL INFORMATION

							Agreement				Est Daily
Well Name	API#	Pool	S-T-R	FNL/FSL	FEL/FWL	Lease Number	Number	Permits	Gravity	BTU	Gas Rate_
LC Kelly IE	30-045-25349	DK	Sec 05 (C)-T30N-R12W	930' FNL	1700' FWL	NMSF081239	N/A		0.678	1159.00	33.00
LC Kelly 16	30-045-31412	FC	Sec 05 (C)-T30N-R12W	. 840' FNL	1700' FWL	NMSF081239	. N/A		0.573	1005.00	130.00
The state of the s				,							
	1		A STATE OF THE PARTY OF THE PAR						1		

Compress	or Informatio	n.
Location:	LC Kel	ly 16 CDP
Property #	- 68971	
XTO Compressor #	1992C	
Lat/Long:	36.8463	-108.12394
Manufacturer:	CATE	RPILLAR
Engine:	G33	06NA
Horse Power:	145	
Fuel Usage:	30	mcfd
DK	26	mcfd
FC	130	mcfd

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Well	Engine	Fuel Usage (mfcpd)	Burners (y/n)	Fuel Usage (mcfpd)	Vented Gas (mcfpd)
LC Kelly 1E	None - Plunger Lift	. 0	Y.	9.1	0.0
LC Kelly 16	Arrow C-46	2.6	Y	2.3	0.0
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i.



October 9, 2014

Dear Interest Owner

Subject:

Notice to Working and Royalty Interest Owners

Application to Surface Commingle Gas Production

San Juan County, New Mexico

XTO Energy Inc. is applying to the New Mexico Oil Conservation Division (NMOCD) for approval to surface commingle gas production from the LC Kelly #16 Gas Well and LC Kelly #1E Gas Well. NMOCD requires that all interest owners be notified of plans to surface commingle when ownership is different between wells.

Produced gas from the LC Kelly #1E will be equipped with an allocation meter that will be maintained by XTO Energy in accordance with State and Federal Regulations. Another allocation meter will be set downstream of the LC Kelly #16 CDP. Production volumes from the LC Kelly #16 will be calculated by subtracting the CDP volume from the LC Kelly #1 E volume. Produced liquids will not be surface commingled. In the future, additional wells, pools, and acreage may be added to this surface commingle or this gathering system.

If you need additional information, or have any questions, please contact me at (505) 333-3206. If you have an objection to our application, you must file a protest in writing to the NMOCD Santa Fe office at 1220 South Saint Francis Drive, Santa Fe, NM 87505 within 20 days from the date of this letter. If there are no objections raised, an application will be submitted to NMOCD at that time.

Sincerely,

Kristen Babcock Regulatory Analyst

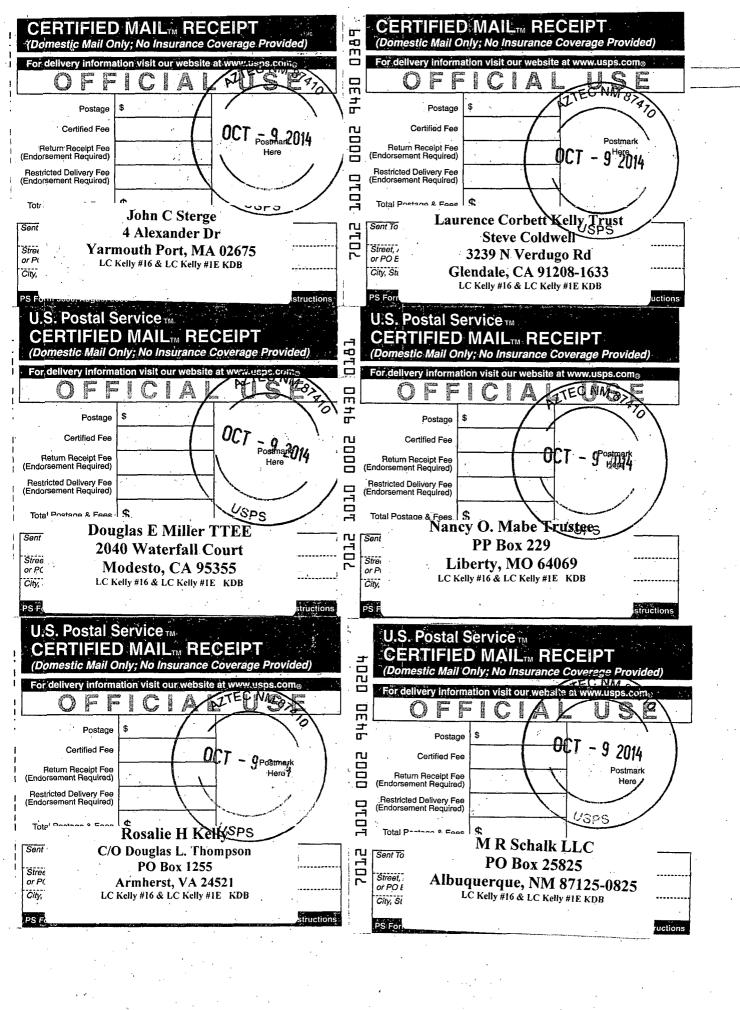
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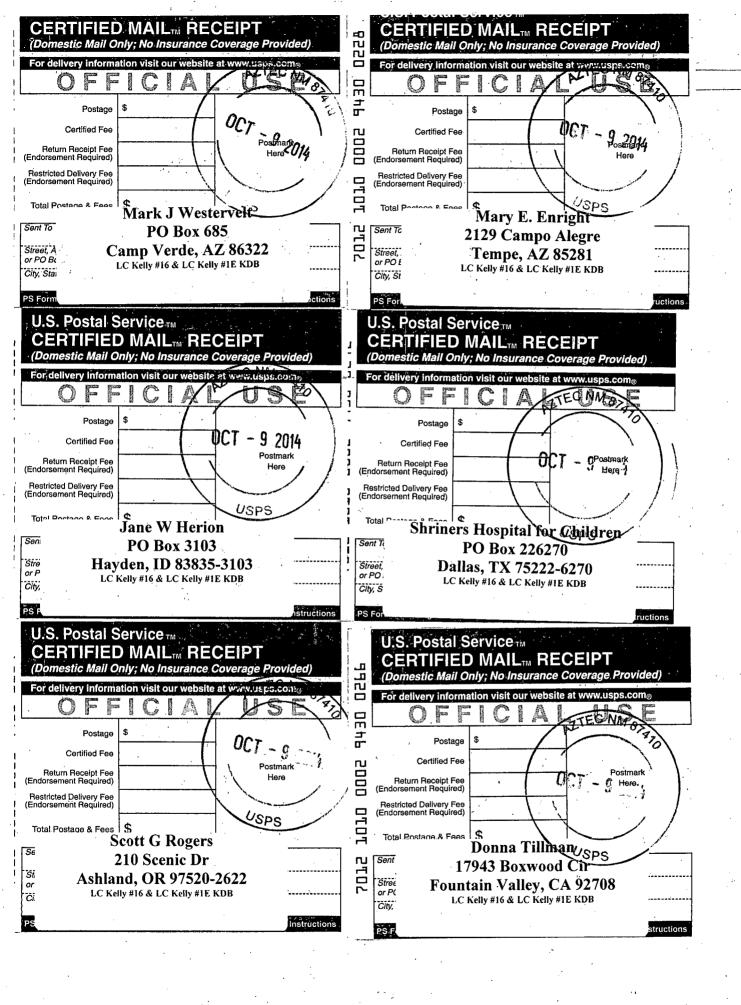
Well Files

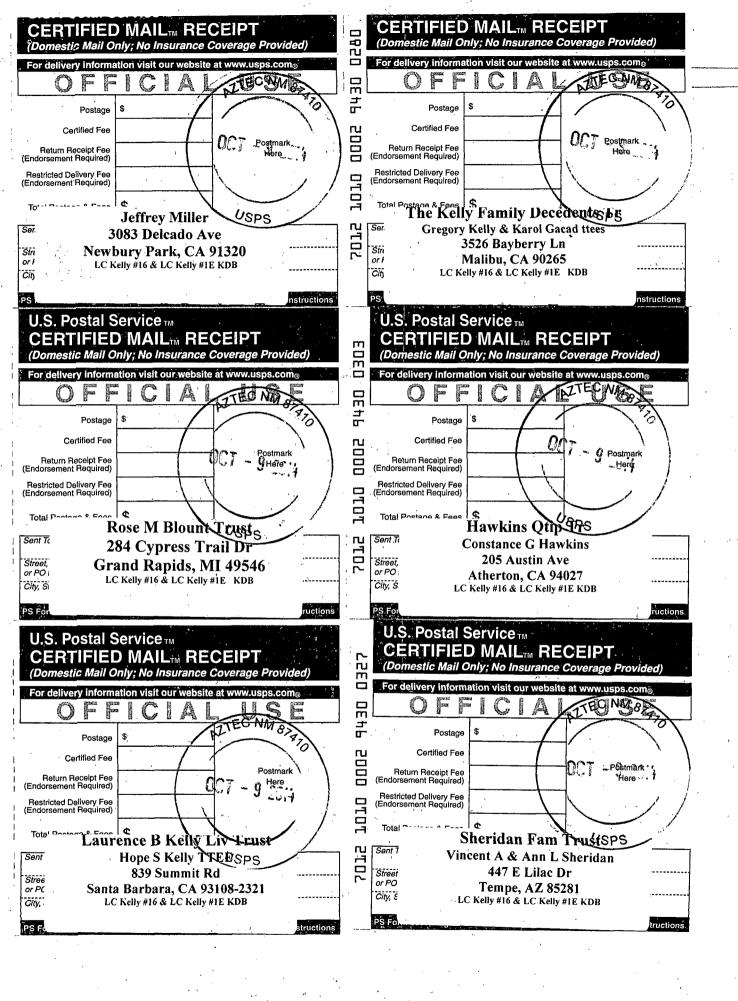
FW Land Department

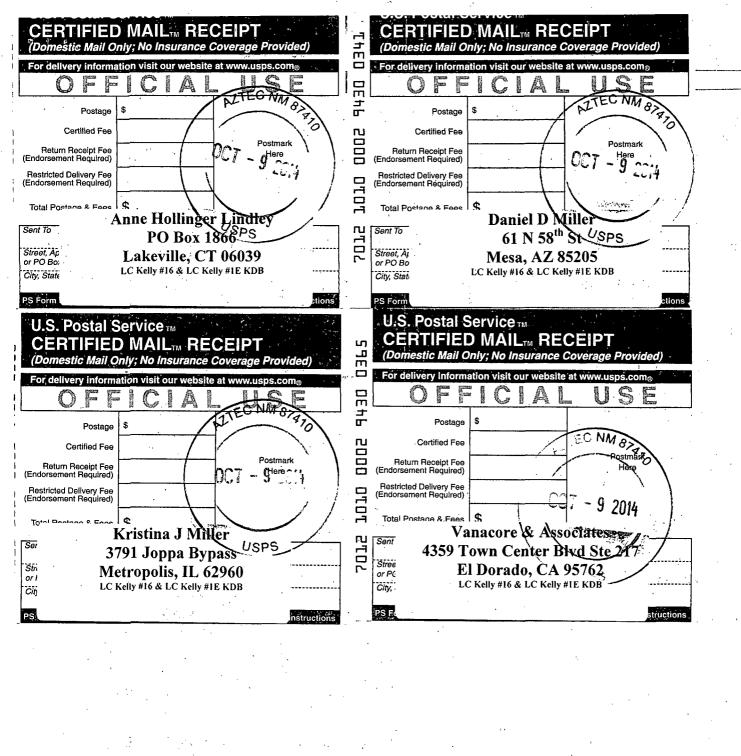
justen Babcock

XTO Energy Inc. 382 Road 3100 Aztec, NM 87410 Phone: (505) 333-3100 Fax: (505) 333-3280









McMillan, Michael, EMNRD

From:

Dean, David < David_Dean@xtoenergy.com>

Sent:

Friday, October 17, 2014 12:53 PM

To: Cc: McMillan, Michael, EMNRD

Subject:

Babcock, Kristen; Kardos, Kelly L.C. Kelly #16 & LC Kelly #1E

Mr. McMillian,

After reviewing ownership for the LC Kelly #16 (FC) and the LC Kelly #1E (DK), it is my determination that ownership is diverse. Both wells are spaced for the west 285.92 acres, but ownership slightly varies between the two zones. Should you have any questions, please advise.

Sincerely,

D. Jackson Dean

Associate Landman – Rockies Division (San Juan) XTO Energy Inc. 810 Houston Street Fort Worth, Texas 76102

Phone: 817.885.6676 | Fax: 817.885.1938 | Mobile: 682.215.7065

david dean@xtoenergy.com

An ExxonMobil Subsidiary

LC KELLY 01E

Daily Production Readings

_	Net Gas	Net Oil	Water
10/15/2014			
			*
10/1/2014		0.0	
AVERAGE	32.3	0.0	
9/30/2014			
9/1/2014			
AVERAGE	33.2	0.0	
8/31/2014	.*		
8/1/2014			
AVERAGE	27.9	0.0	
7/31/2014			
7/1/2014			
AVERAGE	23.4	0.0	
6/30/2014			
6/1/2014			
AVERAGE	28.7	0.0	
5/31/2014		:	
5/1/2014			
AVERAGE	31.1	0.0	
4/30/2014			
4/16/2014			
AVERAGE	33.6	0.0	

LC KELLY 16

Daily Production Readings

_	Net Gas	Net Oil	Water
10/15/2014			
10/1/2014			
AVERAGE	99.5	0.0	
9/30/2014			
9/1/2014			
AVERAGE	101.3	0.0	
8/31/2014			
8/1/2014			
AVERAGE	99.9	0.0	
7/31/2014			
7/1/2014			
AVERAGE	80.5	0.0	
6/30/2014			
6/1/2014			
AVERAGE	109.9	0.0	
5/31/2014			
5/1/2014			
AVERAGE	117.1		
4/30/2014	121.8	0.0	0.0
4/16/2014	119.8	0.0	0.0
AVERAGE	118.5	0.0	