

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed March 2009

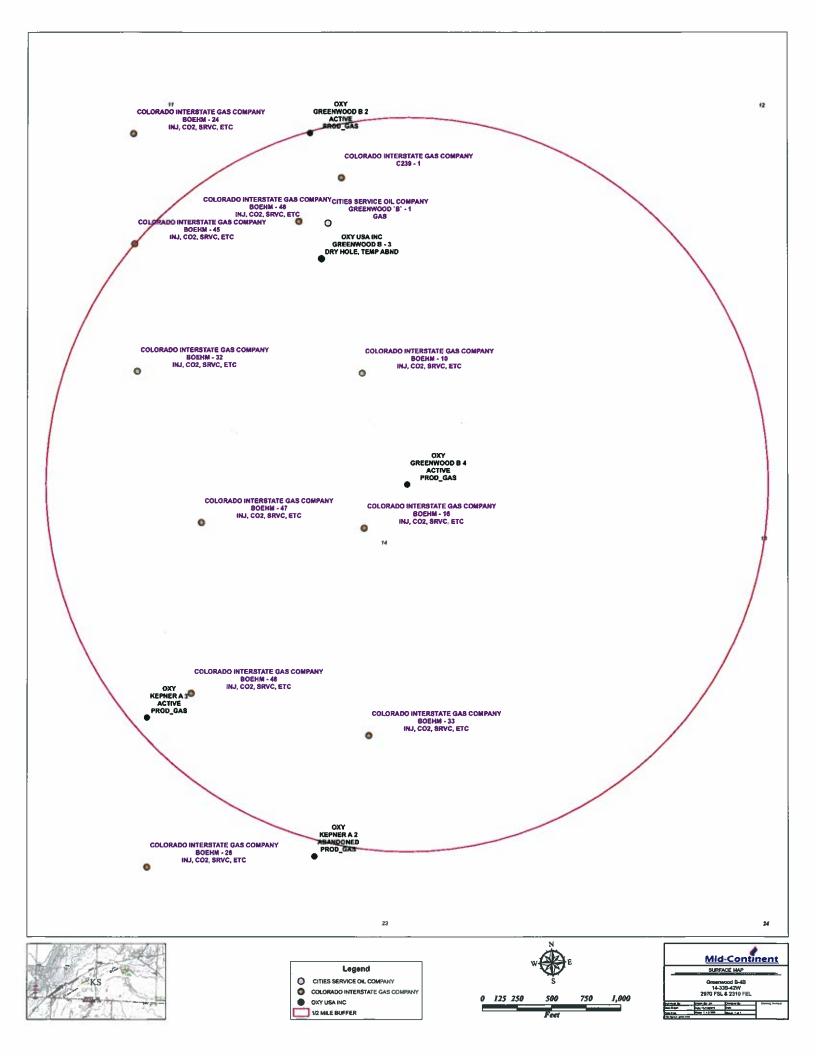
APPLICATION FOR COMMINGLING OF Commingling ID#_ PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERAT	OR: License #	API No. 15			
Name:_		Spot Description:			
Address	1:		Sec Twp	S. R East West	
Address	2:		Feet from No	rth / South Line of Section	
City:	State: Zip:+	<u> </u>	Feet from Eas	st / West Line of Section	
	Person:				
Phone:	()_	Lease Name:	Well	#:	
1.	Name and upper and lower limit of each production interval to	be commingled:			
	Formation:	(Perfs): _			
	Formation:	(Perfs): _			
	Formation:	(Perfs): _			
	Formation:	(Perfs): _			
	Formation:	(Perfs): _			
_					
2.	Estimated amount of fluid production to be commingled from e				
	Formation:			BWPD:	
	Formation:	BOPD:	MCFPD:	BWPD:	
	Formation:	BOPD:	MCFPD:	BWPD:	
	Formation:	BOPD:	MCFPD:	BWPD:	
	Formation:	BOPD:	MCFPD:	BWPD:	
□ 3.□ 4.	Plat map showing the location of the subject well, all other well the subject well, and for each well the names and addresses of Signed certificate showing service of the application and affida	of the lessee of record or ope	rator.	es within a 1/2 mile radius of	
5 0					
	nmingling of PRODUCTION ONLY, include the following:	Van Na			
<u>5</u> .	Wireline log of subject well. Previously Filed with ACO-1:	_			
<u> </u>	Complete Form ACO-1 (Well Completion form) for the subject	well.			
For Con	nmingling of FLUIDS ONLY, include the following:				
7.	Well construction diagram of subject well.				
8.	Any available water chemistry data demonstrating the compati	ibility of the fluids to be comm	ningled.		
current ir mingling	/IT: I am the affiant and hereby certify that to the best of my formation, knowledge and personal belief, this request for comistrue and proper and I have no information or knowledge, which istent with the information supplied in this application.	Su	bmitted Electron	ically	
KCC	Office Use Only			in the application. Protests must be	
l —	nied Approved	in writing and comply with K.A.R. 82-3-135b and must be filed wihin 15 days of publication of the notice of application.			

Date: _

Denied Approved 15-Day Periods Ends: __

Approved By:



AFFIDAVIT OF NOTICE SERVED

RE:	Application for :	OXY USA Inc.
	Well Name: <u>Greenwood B-4B</u>	Legal Location SW SW NE S-14 T-33S R-42W
The un	dersigned hereby certifies that he/she i	is a duly authorized agent for the applicant, and that on the19th
day of	December , 201	11, a true and correct copy of the application referenced above was
deliver	ed or mailed to the following parties:	
NOTE:	A copy of this affidavit must be served as a part	t of the application.
<u>Name</u>		Address (attach additional sheets if necessary.)
	C. and Janis R. Smith Trusts (Surface Owner) Interstate Gas Company A, Inc.	P.O. Box 1350, Elkhart, KS 67950 P.O. Box 1087, Colorado Springs, CO 80944 P.O. Box 2528, Liberal, KS 67905
Signed	this 19th day of December, 2011.	
	ANITA PETERSON Notary Public - State of Kansas My Appt. Expires October 1, 2013	Faura St Hickert Laura Beth Hickert
Subscri	ibed and sworn to before me this	Applicant or Duly Authorized Agent Output December, 2011
		_ Unita Keterson
My Cor	mmission Expires: Oct. 1. 8	Notary Public

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the Protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the Protestant in the proceedings, including the manner in which the Protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protests upon the applicant by mail or personal service at the same time or before the Protestant files the protest with the Conservation Division.

Legal Notice

(First Published in the Elkhart Tri-State News, Eikhart, Kansas, on Thursday, December 15th, 2011.)

BEFORE THE STATE
CORPORATION
COMMISSION OF THE
STATE OF KANSAS
NOTICE OF FILING
APPLICATION

RE: OXY USA Inc.
Application for order to commingle Wabaunsee and Topeka sources of supply in Greenwood B-4B well, located in Sec. 14 Twp 33S R 42W, Morton County, Kansas

TO: All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever concerned.

You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the productions from the Wabaunsee and Topeka sources of supply in the Greenwood B-4B well, located in the NE/4 of Sec. 14 Twp 33S R 43W in Morton County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary pro-ceeding. If valid protests are received, this matter will be set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern them-selves accordingly.

OXY USA Inc. P.O. Box 2528 Liberal, KS 67905 (620)-629-4200

Proof of Publication

notice of Filing Copplication
Notice of Feling Copplication Drenwood B-4B
Syy USA Tuc
Publication Fee \$5880
Karen L. Brady Being first duly sworn, deposes and says: that she is the Publisher of the ELKHART TRI-STATE NEWS, a weekly newspaper published in the State of Kansas, with a general paid circulation on a weekly basis in Morton County, Kansas, and that said newspaper is not a trade, religious or fraternal publication. Said newspaper is a weekly, published at least 50 times a year; and has been so published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the Post Office of Elkhart in said County as second class matter. That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper, publications thereof being made as aforesaid on the following dates:
Kun Brahy
Subscribed and Sworn to before me this 15 day of Susumber, 20//
Daren X. Com
DAREN R. COEN NOTARY PUBLIC STATE OF KANSAS Appt. Exp. 2013
97 8 - Ug
Approved20

AFFIDAVIT

STATE OF KANSAS

SS.

County of Sedgwick

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 9th of

December A.D. 2011, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Subscribed and sworn to before me this

9th day of December, 2011

CASE PENNY L. Notary Public My Appt. Expires

Notary Public Sedgwick County, Kansas

Printer's Fee: \$113.20

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE DECEMBER 9, 2011 (13909)
BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS NOTICE OF FILING APPLICATION
RE: OXY USA Inc. Application for order to commingle Wabaunsee and Topeka sources of supply in Greenwood 8-48 well, located in Sec. 14 Twp 33S R 42W, Morton County, Kansas.
TO: All Oll and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever concerned. You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the production from the Wabaunsee and Topeka sources of supply in the Greenwood B-4B well, located in the NE/4 of Sec. 14 Twp 33S R 43W in Morton County, Kansas.
Any persons who object to or protest hils application shall be required to file their objections or protests with the Conservation Division of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, vlotate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this matter will be set for hearing.
All persons interested or concerned shall lake notice of the foregoing and shall

nearing.
All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.
OXY USA Inc.
P.O. Box 2328
Liberal, KS 67905

(620)-629-4200



CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1065439

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5447	API No. 15 - 15-129-21228-00-01
Name: OXY USA Inc.	Spot Description:
Address 1: _5 E GREENWAY PLZ	<u>SW_SW_NE</u> Sec. <u>14</u> Twp. <u>33</u> S. R. <u>42</u> East
Address 2: PO BOX 27570	
City: HOUSTON State: TX Zip: 77227 + 7570	2310 Feet from Fast / West Line of Section
Contact Person: LAURA BETH HICKERT Phone: (620) 629-4253	Footages Calculated from Nearest Outside Section Corner:
CONTRACTOR: License # 34199	County: Morton
Name: Rawhide Well Service, LLC	Lease Name: GREENWOOD B Well #: 4
Wellsite Geologist: N/A	Field Name: BOEHM
Purchaser:	Producing Formation: WABAUNSEE, TOPEKA
Designate Type of Completion:	Elevation: Ground: 3487 Kelly Bushing: 3498
New Well ☐ Re-Entry	Total Depth: 4625 Plug Back Total Depth: 4606
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☑ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at:
Operator: OXY USA, INC.	Drilling Fluid Management Plan
Well Name: GREENWOOD B-4	(Data must be collected from the Reserve Pit)
Original Comp. Date: 04/11/1994 Original Total Depth: 4625 ☐ Deepening	Chloride content:ppm Fluid volume:bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
✓ Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #:	County: Permit #:
06/22/2011 07/29/2011	,

AFFIDAVIT

Completion Date or

Recompletion Date

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

Date Reached TD

Spud Date or

Recompletion Date

KCC Office Use ONLY				
Letter of Confidentiality Received Date: 10/18/2011				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II III Approved by: NAOMI JAMES Date: 10/19/2011				

Side Two

Operator Name: OX	Y USA Inc.		Lease Na	ame: _	GREENWOO	DD B	_ Well #: <u>4</u>		
Sec. 14 Twp. 33	s. R. <u>42</u>	☐ East	County:	Morto	on	<u> </u>			
time tool open and clo	osed, flowing and shu es if gas to surface to	nd base of formations pen tt-in pressures, whether s est, along with final chart(I well site report.	hut-in pressu	ure read	hed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No		٧٠	og Formatio	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	☐ Yes 🔽 No		Name Top Datum SEE ORIGINAL ACO-1				Datum	
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		Yes ✓ No Yes ✓ No Yes ✓ No	SEE ORIGINAL ACO-1						
List All E. Logs Run:									
		CASING Report all strings set-c	RECORD	✓ Ne	_	ion etc			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh	nt	Setting Depth	Type of Cement	# Sacks Used		and Percent Additives
SURFACE	12.25	8.625	24		1422	CLASS C	625		
PRODUCTION	7.875	5.5	14		4625	CLASS C/CLASS	r 725		
		ADDITIONAL	CEMENTING	G / SOU	EEZE RECORD			<u> </u>	
Purpose:	Depth Top Bottom	Type of Cement # Sacks Used							
Protect Casing Plug Back TD	•								
—— Plug Off Zone	-								
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Ceme		d	Depth
Attached	Attached		··· -		Attached Attache			Attached	
TUBING RECORD:	Size:	Set At:	Packer At:		Liner Run;				
	2.375	3389	T donor At.		_	Yes V	o 		
Date of First, Resumed 07/29/2011	Production, SWD or EN	IHR. Producing Meth	nod: Pumping		Gas Lift 🔲 (Other (Explain)			
Estimated Production Per 24 Hours	Oil O	Bbis. Gas 71	Mcf	Wate	er B 3	bls.	Gas-Oil Ratio		Gravity
DISPOSITION	ON OF GAS:		METHOD OF C	COMPLE	TION:		PRODUCTION	ON INTER	KVAL:
			Perf.	Dually (Submit A	Comp. 🔽 Cor	mmingled _\ mit ACO-4)	WABAUNSEE TOPEKA		
(If vented, Sui	bmit ACO-18.)	Other (Specify)		(Josephin F	.55 0, 1300		<u> </u>		

Form	ACO1 - Well Completion
Operator	OXY USA Inc.
Well Name	GREENWOOD B 4
Doc ID	1065439

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	2722-2732, 2735- 2745, 2761-2768,		2722-2799
	2791-2799 WABAUNSEE		
4	2956-2962, 2982- 2992, 2996-3005,		2956-3292
98	3016-3026, 3070- 3080, 3088-3122,		
	3214-3227, 3230- 3246, 3249-3272,		
	3286-3292 TOPEKA		
	CIBP	2 SKS	3640
4	3720-3728, 3877- 3882 KANSAS CITY		3720-3882
	CIBP	2 SKS	4240
	CIBP	2 SKS	4415
		ALL ACID 17% DS FE HCL	
		ALL FLUSH 2% KCL	
		31 BBL ACID 24 BBL FLUSH	3720-3882
		96 BBL ACID 18 BBL FLUSH	3070-3292
		60 BBL ACID 18 BBL FLUSH	2956-3026
		60 BBL ACID 16 BBL FLUSH	2722-2799
	FRAC: 50000# 12/20 BRADY SAND	260 BBL 2% GAL & 813 BBL N2 FOAM	2722-2799

AFFIDAVIT

STATE OF KANSAS

SS.

County of Sedgwick

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for _1_ issues, that the first publication of said notice was

made as aforesaid on the 6th of

January A.D. 2012, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Subscribed and sworn to before me this

6th day of January, 2012

PENNY L. CASE Notary Public - State of Kansas My Appt, Expires

Notary Public Sedgwick County, Kansas

Printer's Fee: \$113.20

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
JANUARY 6, 2012 (3162043)
BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: OXY USA Inc. Application for order to
commingle Wabeunsee and Topeka
sources of supply in Greenwood B-4B
well, located in Sec. 14 Twp 33S R 42W,
Morton County, Kansas.
TO: All Olf and Gas Producers,
Unleased Minerals interest Owners,
Landowners, and all persons
whosoever concerned.
You, and each of you, are hereby notified

whosoever concerned.
You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the production from the Wabaunsee and Topeka sources of supply in the Greenwood B-4B well, localed in the NE/4 of Sec. 14 Thy 33S R 42W in Morton County, Kansas.

Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within filteen (15) days from the date of this publication. These profests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kensas. If no profests are received, this application may be granted through a summary proceeding. If valid profests are received, this matter will be self for hearing.

All persons interested or concerned shall

sel for hearing.
All persons interested or concerned shell take notice of the foregoing and shall govern themselves accordingly.

OXY USA Inc.
P.O. Box 2528
Liberal, KS 67905
(620)-629-4200

L'egal Nótice

(First Published in The Elkhart Tri-State News. Elkhart, Kansas, on Thursday, January12th, 2001.)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS NOTICE OF FILING APPLICATION

RE: OXY USA Inc. Application for order to commingle Wabaunsee and Topeka sources of supply in Greenwood B-4B well, located in Sec. 14 Twp 33S R 42W Morton County,

Kansas

TO All Oil and Gas Producers, Unleased Minerals Interest Owners, Landowners, and all persons whosoever concerned.

You, and each of you, are hereby notified that OXY USA Inc. has filed an application to commingle the production from the Wabaunsee and Topeka sources of supply in the Greenwood B-4B well, located in the NE/4 of Sec. 14 Twp, 33S R 42W in Morton County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protests with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas. If no protests are received, this application may be granted through a summary proceeding if valid protests are received this matter will be set for hearing.

All persons interested or concerned shall take notice of the foregoing and shall govern them-selves accordingly.

OXY USA Inc. P.O. Box 2528 Liberal, KS 67905 (620)-629-4200

Proof of Publication

N T: 1 1						
Notice of Filing applicate Greenwood B-4B						
STERMOTA	<u> </u>					
<i></i>	<u> </u>					
Chy USA	for .					
Publication Fee ^s _	58.80					
Karen L						
Being first duly sworn, de that she is the Publisher on NEWS, a weekly newspap of Kansas, with a gener weekly basis in Morton (said newspaper is not a transpublication. Said new lished at least 50 times a published continuously and county and state for a pyears prior to the first prand has been admitted at in said County as second attached notice is a true published in the regular newspaper, publications aforesaid on the following	f the ELKHART TRI-STATE er published in the State ral paid circulation on a County, Kansas, and that trade, religious or frater-spaper is a weekly, puba year; and has been so ad uninterruptedly in said period of more than five ublication of said notice; the Post Office of Elkhart d class matter. That the ecopy thereof and was and entire issue of said thereof being made as					
Jan. 12 20/2	20					
20	20					
20	20					
20	20					
Fair	Rule					
Subscribed and Sworn to						
12 day of Janu						
Daran V. Com						
NOTARY PUBLIC - State of Kansas DAREN R. COEN My Appt Expires 3-8-20[3]						
Approved	20					

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

February 7, 2012

Laura Beth Hickert OXY USA, Inc. 5 E Greenway Plz Houston, TX 77227-7570

RE: Approved Commingling CO121107

Greenwood B 4B, Sec.14-T33S-R42W, Morton County

API No. 15-129-21228-00-01

Dear Ms. Hickert:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on December 19, 2011, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

	Estimated Current Production			
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Wabaunsee	0	41	18	2722-2799
Topeka	0	30	15	2956-3292
Total Estimated Current Production	0	71	33	

Based upon the depth of the Marmaton formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO121107 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann Production Department