

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
July 2008

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

Commingling ID # C0020804

Operator Information:

License #: 4767  
Name: Ritchie Exploration, Inc.  
Address: P.O. Box 783188  
City/State/Zip: Wichita, KS 67278-3188  
Contact Person: John Niernberger  
Phone #: 316-691-9500

Well Information:

API #: 15 - 063-20811 -0001  
Lease Name: Engel Well #: 2  
Spot: - SE - SE - SE Sec. 17 Twp. 11 S. R. 31  East  West  
County: Gove  
Feet from  North /  South Line of Section: 330  
Feet from  East /  West Line of Section: 330

1. Name and upper and lower limit of each production interval to be commingled:

Formation: Toronto (Perfs): 3999.5' - 4001'  
Formation: LKC-A (Perfs): 4014' - 4016'  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:

Formation: Toronto BOPD: 5.01 MCFPD: \_\_\_\_\_ BWPD: 50.72  
Formation: LKC-A BOPD: 5.03 MCFPD: \_\_\_\_\_ BWPD: 40.53  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.

4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

- 5. Wireline log of subject well.
- 6. Complete Form ACO-1 (Well Completion form) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

- \_\_\_\_\_ 5. Well construction diagram of subject well.
- \_\_\_\_\_ 6. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

State of Kansas )  
County of Sedgwick )

ss:

Signature: [Signature]

DEBRA K. PHILLIPS  
Notary Public - State of Kansas  
My Appt Expires 5-4-11

VERIFICATION: I hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

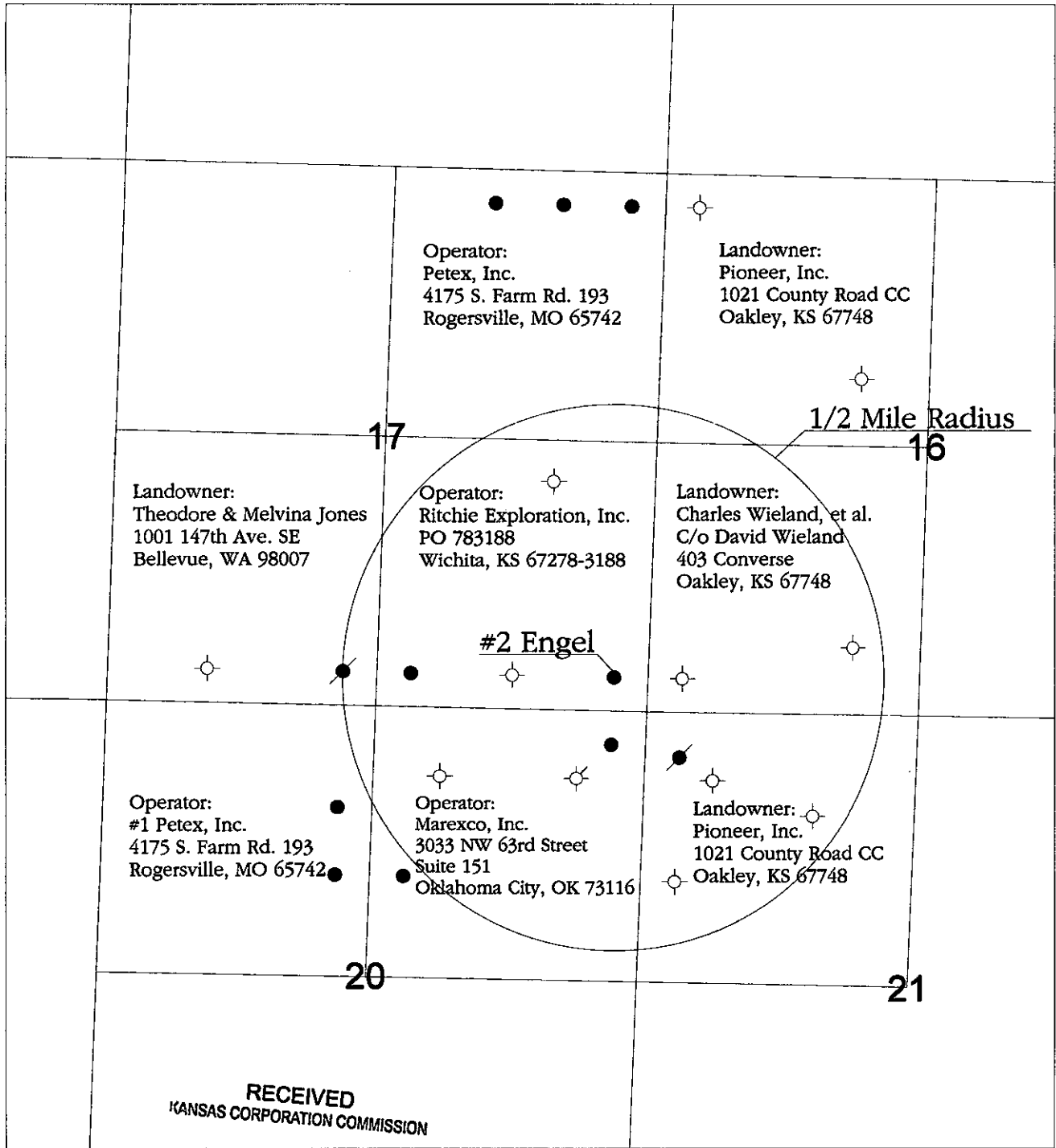
Printed Name: John C. Niernberger  
Title: Production Manager  
Subscribed & sworn to before me this 13th day of February, 20 08  
Notary Public: [Signature]  
My Commission Expires: 5-4-11

**KCC Office Use Only**  
 Denied  Approved  
KCC Date Received: 2/14/08 15-Day Periods Ends: 3/6/08  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

R 31 W

T  
11  
S



**Legend:**

- Oil Well
- / Abandoned Oil Well
- △ Service Well
- ⊙ Dry and Abandoned Well
- ⊙/ Dry and Abandoned Well Completion Attempted

 <b>RITCHIE</b> EXPLORATION, INC. Wichita, Kansas		<b>Application for Commingling of Production Fluids Plat</b>
<b>Applicant Well: #2 Engel</b> Offsetting Leases within 1/2 Mile Radius All wells within Offsetting Leases Name and Addresses of Lessee of Record, Owner, or Operator on Offsetting Leases		
Gove County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 18,000	Date: February 13, 2008

**Commingle  
#2 Engel  
SE SE SE  
17-11S-31W  
Gove County  
Township 11 South, Range 31 West**

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 14 2008  
LANDOWNERS  
CONSERVATION DIVISION  
WICHITA, KS

Sec. 16:	NW/4	Pioneer, Inc. 1021 County Road CC Oakley, KS 67748	
	SW/4	Charles Wieland, et al. C/o David Wieland 403 Converse Oakley, KS 67748	Landowner
Sec. 17:	NE/4	Petex, Inc. 4175 S. Farm Rd. 193 Rogersville, MO 65742	Operator: #3 Engel
	SW/4	Theodore & Melvina Jones 1001 147 <sup>th</sup> Ave. SE Bellevue, WA 98007	Landowner
	SE/4	Ritchie Exploration, Inc.  Dennis Engel 2611 US 83 Oakley, KS 67448-6007	Operator: #2 Engel  Mineral Owner
		Don Engel 2617 US 83 Oakley, KS 67748-6007	Mineral Owner
		Henry Engel 415 Cherry Ave. Oakley, KS 67748-1205	Mineral Owner
		Jo Ann Engel 415 Cherry Ave. Oakley, KS 67748-120	Mineral Owner
		Stefanie Engel Trust Joann Engel, Trustee 415 Cherry Ave. Oakley, KS 67748-1205	Mineral Owner

		Geraldine George 807 E. 5 <sup>th</sup> St. Oakley, KS 67748-2101	Mineral Owner
		La Rae Gibson 7702 Asa Rd. Temple, TX 76504-4851	Mineral Owner
		Jeanice Hearting 420 N. 13 <sup>th</sup> St. Wakeeney, KS 67672-2004	Mineral Owner
		Tami Kear 7705 Churchwood Cir. Colorado Springs, CO 80918-6378	Mineral Owner
		Jeanita Losey P.O. Box 132 Grinnell, KS 67738-0132	Mineral Owner
Sec. 20:	NE/4	Marexco, Inc. 3033 NW 63 <sup>rd</sup> Street, Suite 151 Oklahoma City, OK 73116	Operator: Wieland #41-20
		Petex, Inc.	Operator: Wieland #3
	NW/4	Petex, Inc.	Operator: Wieland #1
		Petex, Inc.	Operator: Wieland #4
Sec. 21:	NW/4	Pioneer, Inc.	Landowner

RECEIVED  
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WICHITA, KS



February 13, 2008

Pioneer, Inc.  
1021 County Road CC  
Oakley, KS 67748

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WICHITA, KS

To Whom It May Concern:

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No response is required, but if you should have a valid protest, it should be directed to the KCC office in Wichita, Kansas.

If you have any questions, please feel free to call John Niernberger at 316-691-9500.  
Thanks for your time.

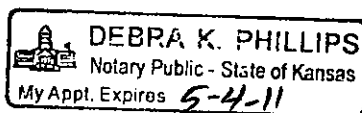
Sincerely,

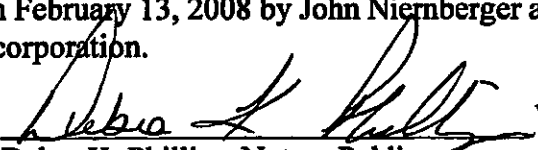
  
\_\_\_\_\_  
John Niernberger, Production Manager

Date this application and certificate was mailed : 2/13/2008

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

This instrument was acknowledged before me on February 13, 2008 by John Niernberger as Production Manager of Ritchie Exploration, Inc., on behalf of said corporation.



  
\_\_\_\_\_  
Debra K. Phillips, Notary Public  
My commission expires: 5/4/2011

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



February 13, 2008

Charles Wieland, et al.  
c/o David Wieland  
403 Converse  
Oakley, KS 67748

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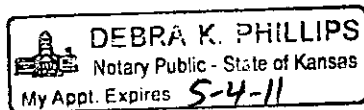
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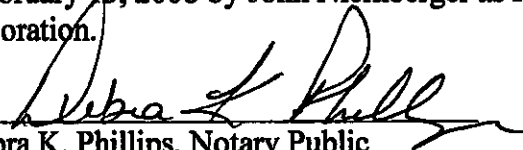
  
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John Niernberger, Production Manager

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Wichita, Kansas 67226-2328



February 13, 2008

Petex, Inc.  
4175 S. Farm Rd. 193  
Rogersville, MO 65742

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WICHITA, KS

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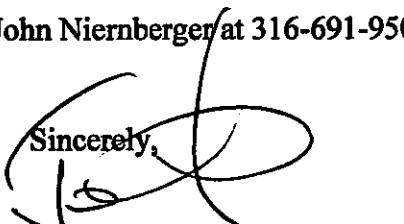
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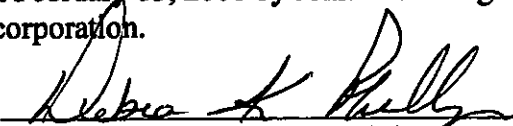
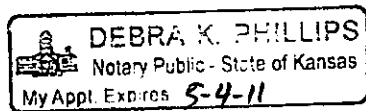
Sincerely,

  
\_\_\_\_\_  
John Niernberger, Production Manager

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Wichita, Kansas 67226-2328



February 13, 2008

Theodore & Melvina Jones  
1001 147<sup>th</sup> Ave. SE  
Bellevue, WA 98007

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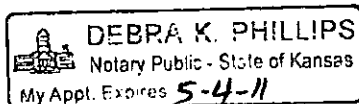
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February 13, 2008

Dennis Engel  
2611 US 83  
Oakley, KS 67448-6007

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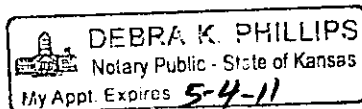
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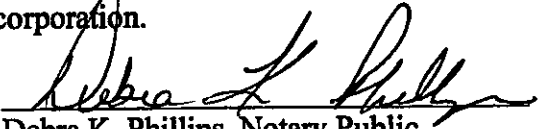
  
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Wichita, Kansas 67226-2328



February 13, 2008

Don Engel  
2611 US 83  
Oakley, KS 67448-6007

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WICHITA, KS

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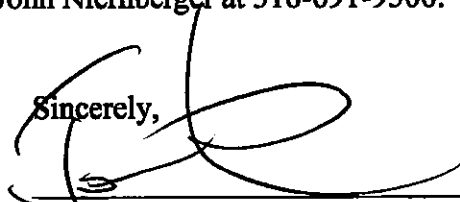
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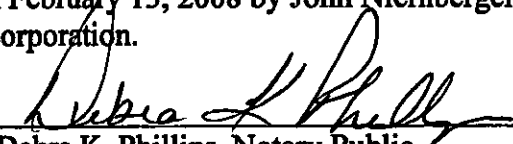
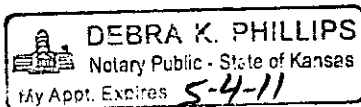
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\_\_\_\_\_  
John Niernberger, Production Manager

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February 13, 2008

Henry Engel  
415 Cherry Ave.  
Oakley, KS 67448-1205

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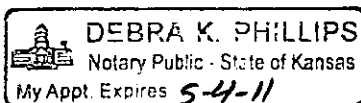
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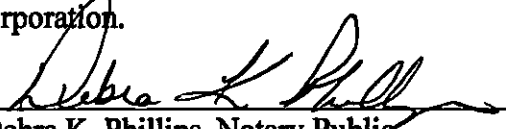
  
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8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



February 13, 2008

Jo Ann Engel  
415 Cherry Ave.  
Oakley, KS 67448-1205

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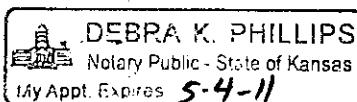
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8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



February 13, 2008

Stefanie Engel Trust  
Jo Ann Engel, Trustee  
415 Cherry Ave.  
Oakley, KS 67448-1205

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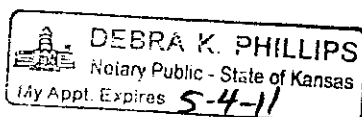
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February 13, 2008

Geraldine George  
807 E. 5<sup>th</sup> St.  
Oakley, KS 67748-2101

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FEB 14 2008  
CONSERVATION DIVISION  
WICHITA, KS

To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Toronto and Lansing-Kansas City "A" sources of supply for the #2 Engel well in the center of SE SE SE of Section 17-11S-31W, Gove County, Kansas.

All oil/gas operators in Kansas are required by the Kansas Corporation Commission Regulations #82-3-123a and #82-3-135a(b) to notify each operator, lessee, or unleased mineral owner within one-half mile radius of the subject well.

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If you have any questions, please feel free to call John Niernberger at 316-691-9500.  
Thanks for your time.

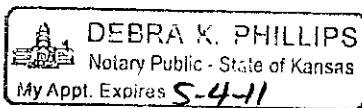
Sincerely,

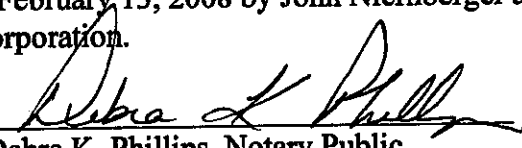
  
\_\_\_\_\_  
John Niernberger, Production Manager

Date this application and certificate was mailed : 2/13/2008

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

This instrument was acknowledged before me on February 13, 2008 by John Niernberger as Production Manager of Ritchie Exploration, Inc., on behalf of said corporation.



  
\_\_\_\_\_  
Debra K. Phillips, Notary Public  
My commission expires: 5/4/2011

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



February 13, 2008

La Rae Gibson  
7702 Asa Rd.  
Temple, TX 76504-4851

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 14 2008  
CONSERVATION DIVISION  
WICHITA, KS

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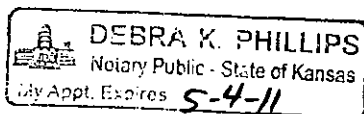
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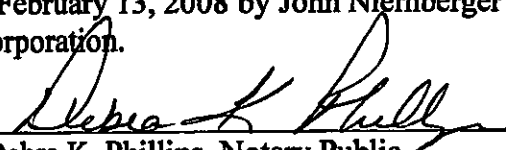
  
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Wichita, Kansas 67226-2328



February 13, 2008

Jeanice Hearting  
420 N. 13<sup>th</sup> St.  
Wakeeney, KS 67672-2004

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 14 2008  
CONSERVATION DIVISION  
WICHITA, KS

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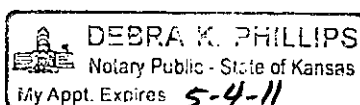
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John Niernberger, Production Manager

Date this application and certificate was mailed : 2/13/2008

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

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My commission expires: 5/4/2011

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8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328





February 13, 2008

Tami Kear  
7705 Churchwood Cir.  
Colorado Springs, CO 80918-6378

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 14 2008

CONSERVATION DIVISION  
WICHITA, KS

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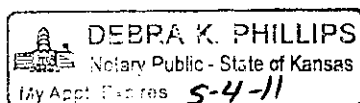
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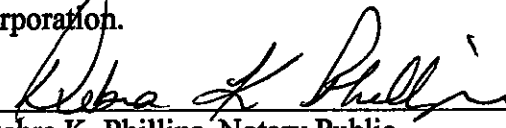
  
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My commission expires: 5/4/2011

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8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
Wichita, Kansas 67226-2328



February 13, 2008

Jeanita Losey  
P.O. Box 132  
Grinnell, KS 67738-0132

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 14 2008

CONSERVATION DIVISION  
WICHITA, KS

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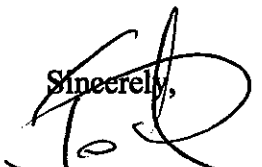
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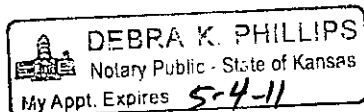
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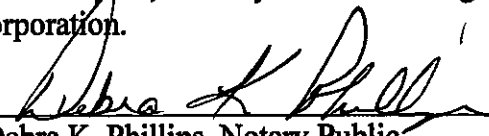
  
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My commission expires: 5/4/2011

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Wichita, Kansas 67226-2328



February 13, 2008

Marexco, Inc.  
3033 NW 63<sup>rd</sup> Street, Suite 151  
Oklahoma City, OK 73116

RECEIVED  
KANSAS CORPORATION COMMISSION  
FEB 14 2008  
CONSERVATION DIVISION  
WICHITA, KS

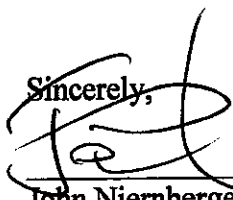
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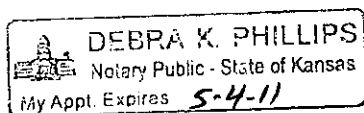
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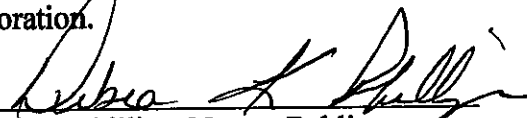
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Wichita, Kansas 67226-2328



February 13, 2008

Gove County Advocate  
P.O. Box 365  
Quinter, KS 67752

Please publish the described notice as shown below in the legal section of your newspaper one time at the earliest publishing date possible. Please mail a copy of the affidavit of publication to me at the above address along with your invoice for the fee. We will then mail the remittance by return mail upon receipt of that invoice.

Please call if you have any questions. Thank you for your help in this matter.

Sincerely,

John Niernberger  
Production Manager

RECEIVED  
KANSAS CORPORATION COMMISSION

FEB 14 2008

CONSERVATION DIVISION  
WICHITA, KS

#### LEGAL NOTICE

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Toronto and Lansing-Kansas City "A" sources of supply in the #2 Engel well, located in the center of SE SE SE, Sec. 17-11S-31W, Gove 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 the 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 themselves accordingly.

RITCHIE EXPLORATION, INC.  
P.O. Box 783188  
Wichita, KS 67278-3188  
(316) 691-9500

**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Nicole Mandina, of lawful age, being first duly sworn, deposeth and saith: That she 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 - weeks, that the first publication of said notice was

made as aforesaid on the  20th  of

February  A.D.  2008 , with

subsequent publications being made on the following dates:

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

*Nicole Mandina*

Subscribed and sworn to before me this

20th day of February, 2008

*Danna M. Ingram*  
Notary Public Sedgwick County, Kansas



Printers Fee:  \$62.00

**LEGAL PUBLICATION**

Published in the Wichita Eagle  
February 20, 2008 (2796427)

**LEGAL NOTICE**

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Toronto and Lansing-Kansas City "A" sources of supply in the #2 Engel well, located in the center of SE SE SE, Sec. 17-11S-31W, Grove 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 the 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 themselves accordingly. RITCHIE EXPLORATION, INC. P.O. Box 783188 Wichita, KS 67278-3188 (316) 691-9500

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 11 2008

CONSERVATION DIVISION  
WICHITA, KS

*Jan*

**AFFIDAVIT OF PUBLICATION**

State of Kansas,

Gove County, ss:

Roxanne Broeckelman

being first duly sworn, deposes and

says: That she is

co-publisher of

**Gove County Advocate**, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Gove County, Kansas, with a general paid circulation on a weekly basis in Gove 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 in Quinter in said county as periodical class mail matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper for one consecutive week(s), the first publication thereof being made as aforesaid on the 20th day of February, 2008, with subsequent publications being made on the following dates:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Printer's Fee .....\$ 17<sup>60</sup>  
Additional Copies .....\$ \_\_\_\_\_  
Affidavit Fees .....\$ 2<sup>00</sup>  
Total Publication Fees .\$. 19<sup>60</sup>

*Roxanne Broeckelman*

Subscribed and sworn to before me this 20th day of February, 2008

*Linda L. Zerr*  
Notary Public

My commission expires: January 8, 2009

**LINDA L. ZERR**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-8-2009

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate, Quinter, KS, Wed., February 20, 2008 - 1)

**LEGAL NOTICE**

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**RITCHIE EXPLORATION, INC.**  
P.O. Box 783188  
Wichita, KS 67278-3188  
(316) 691-8500

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 11 2008

CONSERVATION DIVISION  
WICHITA, KS



*Kathleen Sebelius, Governor  
Thomas E. Wright, Chairman  
Michael C. Moffet, Commissioner  
Joseph F. Harkins, Commissioner*

March 13, 2008

John Niernberger  
Ritchie Exploration, Inc.  
PO Box 783188  
Wichita, KS 67278-3188

**RE: Approved Commingling CO020804  
Engel #2, Sec. 5-T21S-R14W, Gove County, Kansas  
API No. 15-063-20811-0001**

Dear Mr. Niernberger:

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. 82-3-123a**. 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 **February 14, 2008** concerns approval to simultaneously produce from the following **two** sources of supply through the same tubing string in the same wellbore: the **Toronto and LKC-A** formations.

According to your application, the estimated current production from the **Toronto** source of supply is **5.01 BOPD, 0 Mcfpd and 50.72 BWPD**. The estimated current production from the **LKC-A** source of supply is **5.03 BOPD, 0 Mcfpd and 40.53 BWPD**. The total estimated current production from all sources of supply in the subject well is **10.04 BOPD, 0 Mcfpd and 91.25 BWPD**.

Based upon the depth of the **LKC-A** formation perforations, total oil production shall not exceed **200 BOPD** and total gas production shall not exceed **50%** of the absolute open flow (AOF).

Docket Number **CO020804** has been assigned to this approved application. Please use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann  
Production Department