



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

OPERATOR: License # \_\_\_\_\_ API No. 15 - \_\_\_\_\_  
Name: \_\_\_\_\_ Spot Description: \_\_\_\_\_  
Address 1: \_\_\_\_\_ - - - - - Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
Address 2: \_\_\_\_\_ Feet from  North /  South Line of Section  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_ Feet from  East /  West Line of Section  
Contact Person: \_\_\_\_\_ County: \_\_\_\_\_  
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 each interval:  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
Formation: \_\_\_\_\_ BOPD: \_\_\_\_\_ MCFPD: \_\_\_\_\_ BWPD: \_\_\_\_\_  
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. Previously Filed with ACO-1:  Yes  No
- 6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

**For Commingling of FLUIDS ONLY, include the following:**

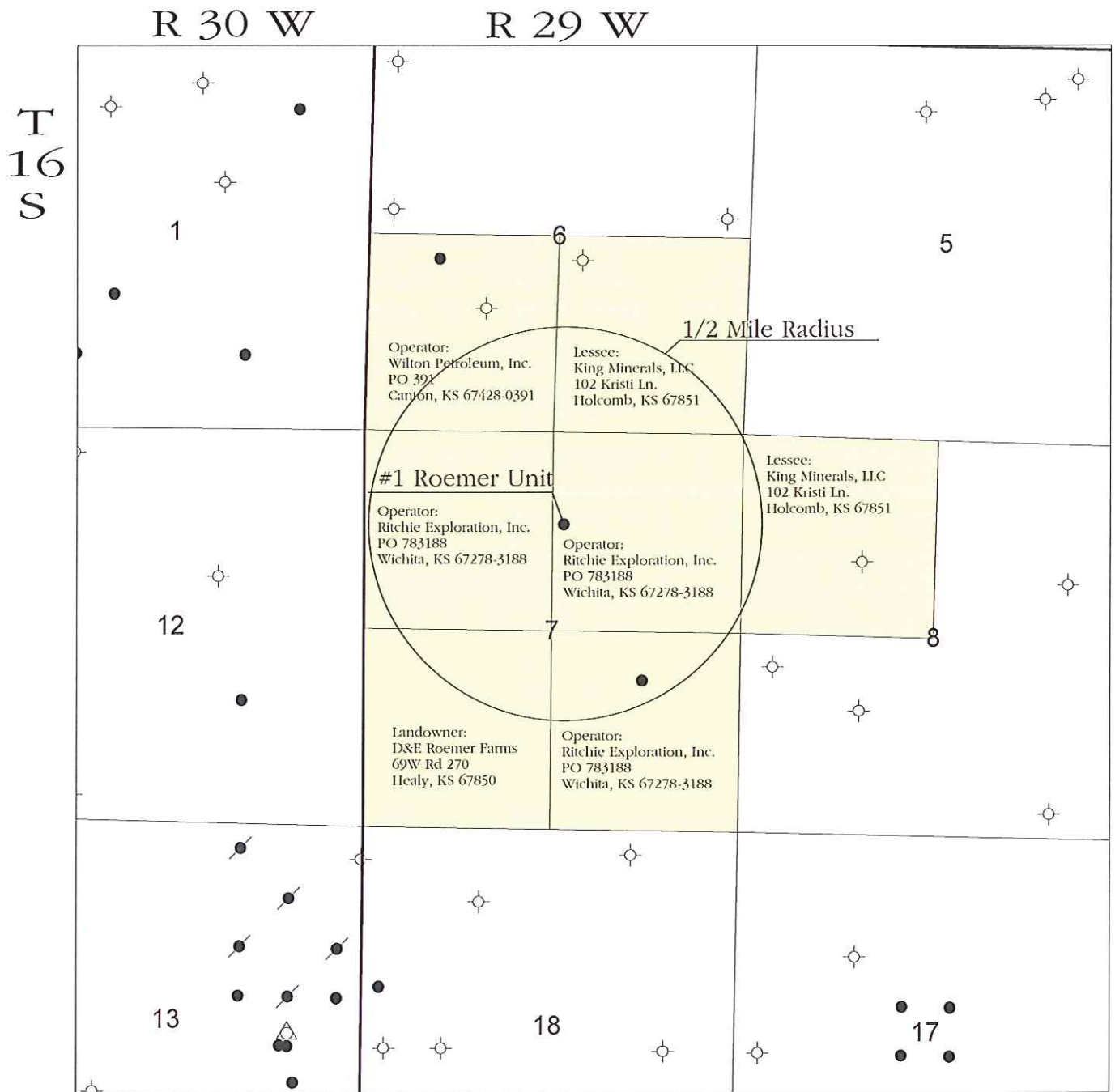
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

**AFFIDAVIT:** I am the affiant and 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.

**Submitted Electronically**

**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
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.*



- Legend
- Oil Well
  - / Abandoned Oil Well
  - Dry and Abandoned Well
  - △ Service Well

 <p><b>RITCHIE</b> EXPLORATION, INC. Wichita, Kansas</p>		<p>Application for Commingling of Production or Fluids</p>
<p>Applicant Well: #1 Roemer Unit All Wells on Offsetting Leases within 1/2 Mile Radius Name and Address of Lessee of Record or Operator On Offsetting Leases</p>		
Lane County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 25,000	Date: August 31, 2015

# APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

**Operator, Lessee or Unleased Mineral Owner  
within a ½ mile radius of Ritchie Exploration, Inc.'s**

**#1 Roemer Unit  
1235' FNL & 2385' FEL  
Section 7-16S-29W  
Lane Co., KS**

## Township 16 South, Range 29 West

Sec. 6:	SW/4	Wilton Petroleum, Inc. PO Box 391 Canton, KS 67428-0391	Operator: L. Jasper #1
	SE/4	King Minerals, LLC 102 Kristi Ln. Holcomb, KS 67851	Lessee
Sec. 7:	NE/4	Ritchie Exploration, Inc. PO Box 783188 Wichita, KS 67278-3188	Operator: #1 Roemer Unit
	NW/4	Ritchie Exploration, Inc.	Operator: #1 Roemer Unit
	SW/4	D & E Roemer Farms 69 W RD 270 Healy, KS 67850	Landowner
	SE/4	Ritchie Exploration, Inc.	Operator: #1 Roemer 7D
Sec. 8:	NW/4	King Minerals, LLC	Lessee

**AFFIDAVIT**

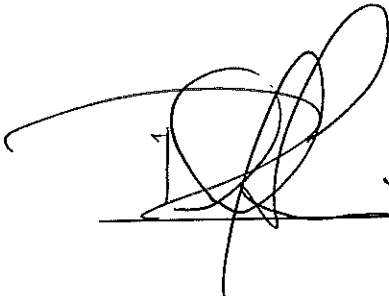
STATE OF KANSAS            )  
  - SS.  
County of Sedgwick         )

Pete Fiorini, of lawful age, being first duly sworn, deposes and saith: That he is Production/Development Geologist of Ritchie Exploration, County of Sedgwick, State of Kansas, and that notice was given to all lessee of record or operator within ½ mile radius of the Roemer Unit #1 well located in the County of Lane (see attached plat map). This notice included a letter and a copy of the Commingle Application (ACO-4). All notices were mailed on September 3, 2015.

made as aforesaid on the 3<sup>rd</sup> of

**September A.D. 2015**

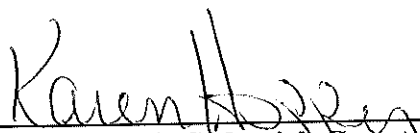
And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

  
\_\_\_\_\_

Subscribed and sworn to before me this

**3<sup>rd</sup> day of September 2015**



  
\_\_\_\_\_  
Notary Public Sedgwick County, Kansas

# Proof of Publication

State of Kansas,  
County of Lane, ss:

Mary Hartman

of lawful age, being duly sworn upon oath states that he/she is the editor of **THE DIGHTON HERALD**.

THAT said newspaper has been published at least weekly 50 times a year and has been so published for at least five years prior to the first publication of the attached notice.

THAT said newspaper was entered as second class matter at the post office of its publication;

THAT said newspaper has a general paid circulation on a daily, weekly, monthly, or yearly basis in LANE County, Kansas and is NOT a trade, religious or fraternal publication and has been printed and published in LANE County, Kansas.

THE ATTACHED was published on the following dates in a regular issue of said newspaper:

1st Publication was made on the 9 day of Sept, 2015  
 2nd Publication was made on the \_\_\_ day of \_\_\_, 20 \_\_\_  
 3rd Publication was made on the \_\_\_ day of \_\_\_, 20 \_\_\_  
 4th Publication was made on the \_\_\_ day of \_\_\_, 20 \_\_\_  
 5th Publication was made on the \_\_\_ day of \_\_\_, 20 \_\_\_  
 6th Publication was made on the \_\_\_ day of \_\_\_, 20 \_\_\_

Publication fee \$ 5040  
 Affidavit, Notary's Fees \$ \_\_\_\_\_  
 Additional Copies @ \_\_\_\_\_ \$ \_\_\_\_\_  
 Total Publication Fee \$ 5040

Mary Hartman

(Signed)

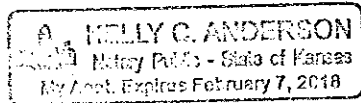
Witness my hand this 9 day of Sept, 2015

SUBSCRIBED and SWORN to before me this 9

day of Sept, 2015.

Kelly C Anderson  
(Notary Public)

My commission expires 2-7-2018



7-16S-29W, Lane 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.

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

## Legal

(First published in The Dighton Herald Wednesday, September 9, 2015)

### 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 Lansing/Kansas City, Altamont, and Mississippian sources of supply for the #1 Roemer Unit well located approx. W/2 W/2 NE of Section



# LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453699	0001951240	Published in the Wichita Eagle September 9		\$129.00	1	35

**Attention:** karen hopper  
RITCHIE EXPLORATION INC  
P O BOX 783188  
WICHITA, KS 672783188

In The STATE OF KANSAS  
In and for the County of Sedgwick  
AFFIDAVIT OF PUBLICATION

1 Insertions

Beginning issue of: 09/09/2015

Ending issue of: 09/09/2015

STATE OF KANSAS)

.SS

County of Sedgwick)

**LEGAL PUBLICATION**  
Published in the Wichita Eagle  
September 9, 2015 (1951240)

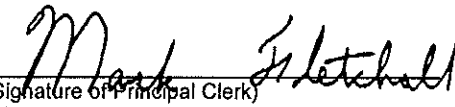
**LEGAL NOTICE**  
You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Lansing/Kansas City, Alfamont, and Mississippian sources of supply for the #1 Roemer Unit well located approx. W/2 W/2 NE of Section 7-165-29W, Lane 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

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 from 9/9/2015 to 09/09/2015.

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

  
(Signature of Principal Clerk)  
DATED: 9/9/2015

  
Notary Public Sedgwick County, Kansas

JENNIFER RAE BAILEY  
Notary Public - State of Kansas  
My Appt. Expires 6/9/2017



# CONFIDENTIAL

## WELL COMPLETION FORM

### WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767  
Name: Ritchie Exploration, Inc.  
Address 1: 8100 E 22ND ST N # 700  
Address 2: BOX 783188  
City: WICHITA State: KS Zip: 67278 + 3188  
Contact Person: John Niernberger  
Phone: (316) 691-9500  
CONTRACTOR: License # 33575  
Name: WW Drilling, LLC  
Wellsite Geologist: Dave Williams  
Purchaser: NCRA

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
07/10/2013    07/22/2013    07/22/2013  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-101-22449-00-00  
Spot Description: 85°N & 75°W of  
SW SW NW NE Sec. 7 Twp. 16 S. R. 29  East  West  
1235 Feet from  North /  South Line of Section  
2385 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Lane  
Lease Name: Roemer Unit Well #: 1  
Field Name: \_\_\_\_\_  
Producing Formation: LKC & Altamont  
Elevation: Ground: 2711 Kelly Bushing: 2719  
Total Depth: 4530 Plug Back Total Depth: 4498  
Amount of Surface Pipe Set and Cemented at: 234 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2075 Feet  
If Alternate II completion, cement circulated from: 0  
feet depth to: 2075 w/ 375 sx cm.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 11000 ppm Fluid volume: 820 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

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

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 10/30/2013  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NAOMI JAMES Date: 10/31/2013



1166185

Operator Name: Ritchie Exploration, Inc. Lease Name: Roemer Unit Well #: 1  
 Sec. 7 Twp. 16 S. R. 29  East  West County: Lane

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Dual Induction Log Compensated Density/Neutron Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum  See Attached
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	234	Common	165	2% gel, 3% cc
Production	7.875	4.5	10.5	4526	OWC	200	10% cap, 2% gel + 25% COI-20 + SA (x 1)

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4231'-4233', 4217'-4221' (8/5/13)	1000 Gals 15% NE	
4	4109.5'-4112.5' (8/7/13)	500 Gals 15% NE	

TUBING RECORD: Size: 2.375 Set At: 4419 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 08/22/2013 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls. <u>41.79</u>	Gas Mcf	Water Bbls. <u>36.25</u>	Gas-Oil Ratio	Gravity <u>29</u>
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**#1 Roemer Unit**

1235' FNL & 2385' FEL

85' N & 75' W of W/2 W/2 NE Section 7-16S-29W

Lane County, Kansas

API# 15-101-22449-0000

Elevation: 2711' GL, 2719' KB

Sample Tops			Ref. Well
Anhydrite	2108'	+611	+20
B/Anhydrite	2139'	+580	+17
Stotler	3398'	-679	+14
Heebner	3778'	-1059	+7
Lansing	3815'	-1096	+8
Muncie Shale	3970'	-1251	+17
Stark Shale	4060'	-1341	+17
Hush	4098'	-1379	+15
BKC	4140'	-1421	+17
Marmaton	4181'	-1462	+6
Altamont	4202'	-1483	+6
Pawnee	4267'	-1548	+9
Myrick	4302'	-1583	+6
Fort Scott	4323'	-1604	+5
Cherokee Shale	4350'	-1631	+2
Johnson	4385'	-1666	+2
Mississippian	4408'	-1689	+13
RTD	4530'	-1811	

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

September 24, 2015

Peter Fiorini  
Ritchie Exploration, Inc.  
P.O. Box 783188  
Wichita, KS 67278-3188

RE: Approved Commingling CO091501  
Roemer Unit 1  
API No. 15-101-22449-00-00

Dear Mr. Fiorini:

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.

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

Sincerely,

Rick Hestermann  
Production Department