



**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**

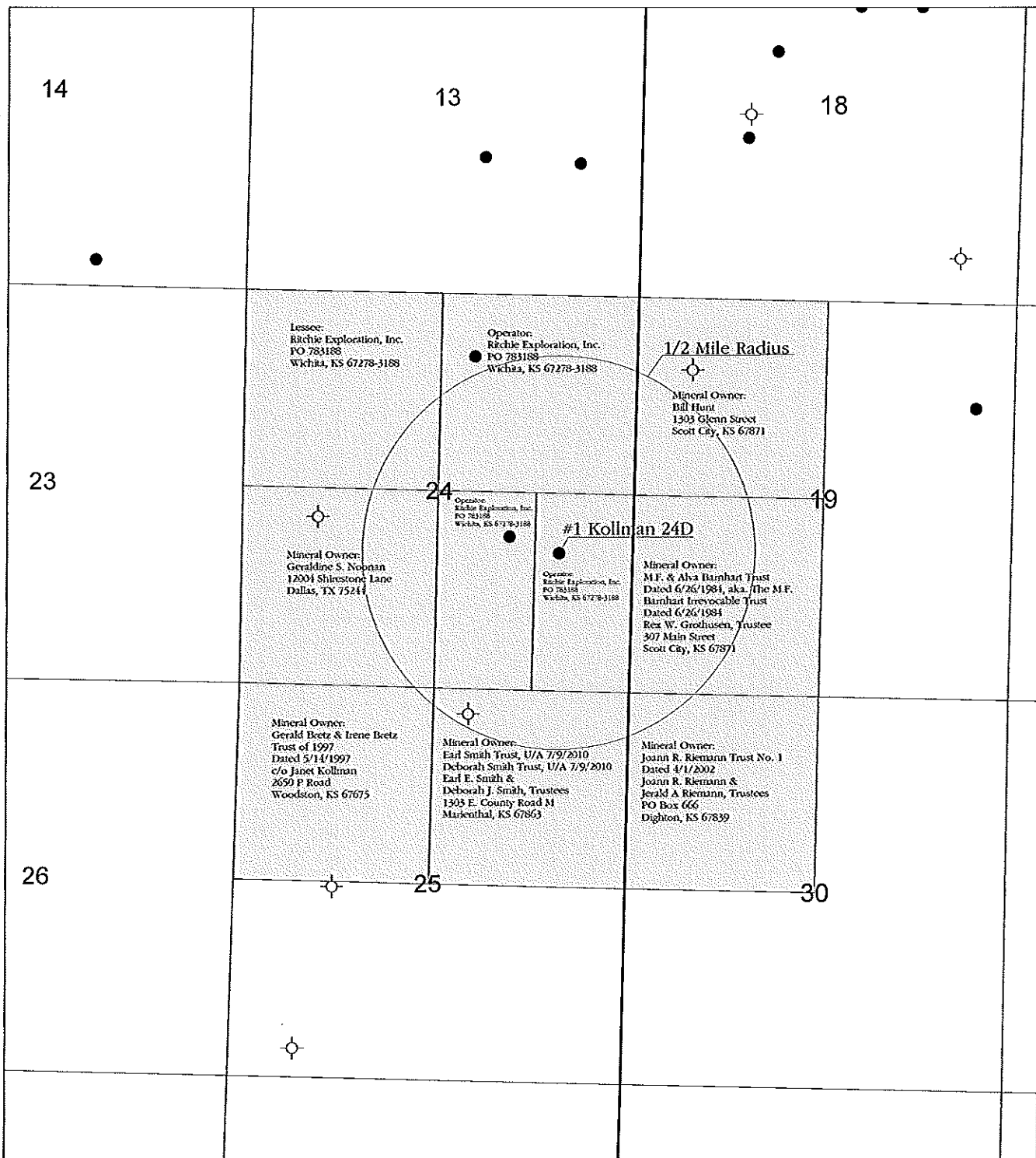
**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*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.*

R 35 W


R 34 W

T  
17  
S



Legend

- Oil Well
- ⊕ Dry and Abandoned Well



**RITCHIE**  
EXPLORATION, INC.  
Wichita, Kansas

Application for  
Commingling of  
Production or Fluids

Applicant Well: #1 Kollman 24D  
All Wells on Offsetting Leases within 1/2 Mile Radius  
Name and Address of Lessee of Record or Operator  
On Offsetting Leases

Wichita / Scott County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 24,000	Date: 5/2/2016

# APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#1 Kollman 24D  
1845' FSL & 985' FEL  
Section 24-17S-35W  
Wichita Co., KS**

## Township 17 South, Range 35 West

*Wichita Co., KS*

Sec. 24:	NW/4	Ritchie Exploration, Inc. PO Box 783188 Wichita, KS 67278-3188	Lessee
	NE/4	Ritchie Exploration, Inc.	Operator: #1 Simons 24A
	SW/4	Geraldine S. Noonan 12004 Shirestone Lane Dallas, TX 75244	Mineral Owner
	W/2SE/4	Ritchie Exploration, Inc.	Operator: #1 J. Kollman
	E/2SE/4	Ritchie Exploration, Inc.	Operator: #1 Kollman 24D
Sec. 25:	NW/4	Gerald Bretz & Irene Bretz Trust of 1997, dated 5/14/1997 c/o Janet Kollman 2650 P Road Woodston, KS 67675	Mineral Owner
	NE/4	Earl Smith Trust, U/A 7/9/2010, Deborah Smith Trust, U/A 7/9/2010 Earl E. Smith & Deborah J. Smith, Trustees 1303 E. County Road M Marienthal, KS 67863	Mineral Owners

## Township 17 South, Range 34 West

*Scott Co., KS*

Sec. 19:	NW/4	Bill Hunt 1303 Glenn Street Scott City, KS 67871	Mineral Owner
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**Township 17 South, Range 34 West**

*Scott Co., KS*

Sec. 19	SW/4	M.F. & Alva Barnhart Trust, dated 6/26/1984, a/k/a the M.F. Barnhart Irrevocable Trust dated 6/26/1984 Rex W. Grothusen, Trustee 307 Main Street Scott City, KS 67871	Mineral Owner
Sec. 30:	NW/4	Joann R. Riemann Trust No. 1, dated 4/1/2002 Joann R. Riemann & Jerald A. Riemann, Trustees PO Box 666 Dighton, KS 67839	Mineral Owner

**AFFIDAVIT**

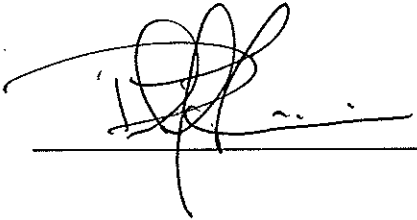
STATE OF KANSAS        )  
                                  - SS.  
County of Sedgwick        )

John Niernberger, of lawful age, being first duly sworn, deposeth and saith: That he is Production Manager 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 Kollman 24D #1 well located in the County of Wichita (see attached plat map). This notice included a letter and a copy of the Commingle Application (ACO-4). All notices were mailed on May 24, 2016.

made as aforesaid on the 24<sup>th</sup> of

**May A.D. 2016**

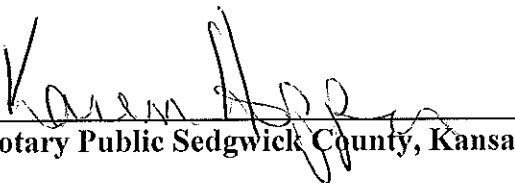
And affiant further says that he has personal knowledge of the statements above set forth and that they are true.



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Subscribed and sworn to before me this

**24<sup>th</sup> day of May 2016**



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Notary Public Sedgwick County, Kansas





# LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453699	0002470694			\$152.80	1	42

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: 05/27/2016

Ending issue of: 05/27/2016

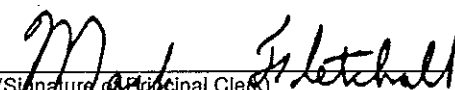
STATE OF KANSAS)

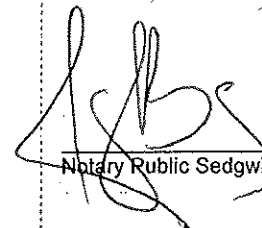
.SS

County of Sedgwick)

Mark Fletchall, of lawful age, being first duly sworn, deposeseth 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 5/27/2016 to 05/27/2016.

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

  
(Signature of Principal Clerk)  
DATED: 5/27/2016

  
Notary Public Sedgwick County, Kansas

**LEGAL PUBLICATION**  
Published in the Wichita Eagle  
May 27, 2016 (2470694)  
**LEGAL NOTICE**

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commencing of production from the Lansing/Kansas City and Mississippi Sandstone sources of supply for the #1 Kollman 24D well located approx. W/2 NE SE of Section 24-17S-35W, Wichita 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

JENNIFER RAE BAILEY  
Notary Public - State of Kansas  
My Appt. Expires 10/15/2017

# Proof of Publication

State of Kansas,  
County of Wichita, ss:

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

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 WICHITA County, Kansas and is NOT a trade, religious or fraternal publication and has been printed and published in WICHITA County, Kansas.

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

- 1st Publication was made on the 1 day of June, 2016
- 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 \$ 4860  
 Affidavit, Notary's Fees \$ \_\_\_\_\_  
 Additional Copies \_\_\_\_\_ @ \_\_\_\_\_ \$ \_\_\_\_\_  
 Total Publication Fee \$ 4860

\_\_\_\_\_  
(Signed) Dawn Wilmard

Witness my hand this 1 day of June, 2016

SUBSCRIBED and SWORN to before me this 1 day of June, 2016.

\_\_\_\_\_  
(Notary Public) Kelly C Anderson

My commission expires 2.7.2018



(First published in the Leoti Standard on Wednesday, June 1, 2016 and last published on Wednesday, June 1, 2016)  
 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 and Mississippian Sandstone sources of supply for the #1 Kollman 24D well located approx. W/2 NE SE of Section 24-17S-35W, Wichita 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



Confidentiality Requested:

Yes  No

# 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 # 34821

Name: K & M Well Service Inc.

Wellsite Geologist: Pete Fiorini

Purchaser: Plains

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: Ritchie Exploration, Inc.

Well Name: Kollman 24D

Original Comp. Date: 03/28/2013 Original Total Depth: 5035

- Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD
- Plug Back  Conv. to GSW  Conv. to Producer
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

<u>04/10/2014</u>	<u>04/10/2014</u>	<u>04/17/2014</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-203-20210-00-01

Spot Description: 135'S & 5'E of W2NESE

W2\_NE\_SE Sec. 24 Twp. 17 S. R. 35  East  West

1845 Feet from  North /  South Line of Section

985 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Wichita

Lease Name: Kollman 24D Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: LKC, Mississippian

Elevation: Ground: 3159 Kelly Bushing: 3164

Total Vertical Depth: 5035 Plug Back Total Depth: 4977

Amount of Surface Pipe Set and Cemented at: 226 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

### Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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

- Confidentiality Requested  
Date: 06/26/2014
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NAOMI JAMES Date: 06/26/2014



1211253

Operator Name: Ritchie Exploration, Inc. Lease Name: Kollman 24D Well #: 1  
 Sec. 24 Twp. 17 S. R. 35  East  West County: Wichita

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

List All E. Logs Run:

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	8.3625	23	226	common	175	3% CC, 2% gel
Production	7.875	4.5	10.5	5032	OWC	250	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4361-4367		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4946</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>04/17/2014</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>9.19</u>	Gas Mcf	Water Bbls. <u>59.89</u>	Gas-Oil Ratio <u>22</u>

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Kollman 24D 1
Doc ID	1211253

Tops

Name	Top	Datum
Anhydrite	2443	+721
B/Anhydrite	2463	+701
Stotler	3631	-467
Heebner	4016	-852
Lansing	4064	-900
Muncie Shale	4252	-1088
Stark Shale	4353	-1189
Hush	4400	-1236
BKC	4437	-1273
Marmaton	4455	-1291
Altamont	4498	-1334
Pawnee	4587	-1423
Myrick	4621	-1457
Fort Scott	4638	-1474
Cherokee Shale	4666	-1502
Johnson	4776	-1612
B/Johnson	4810	-1646
Morrow	4815	-1651
Mississippian	4884	-1720

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



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

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

Sam Brownback, Governor

June 16, 2016

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

RE: Approved Commingling CO061601  
Kollman 24D 1  
API No. 15-203-20210-00-01

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 Mississippian 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