



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.

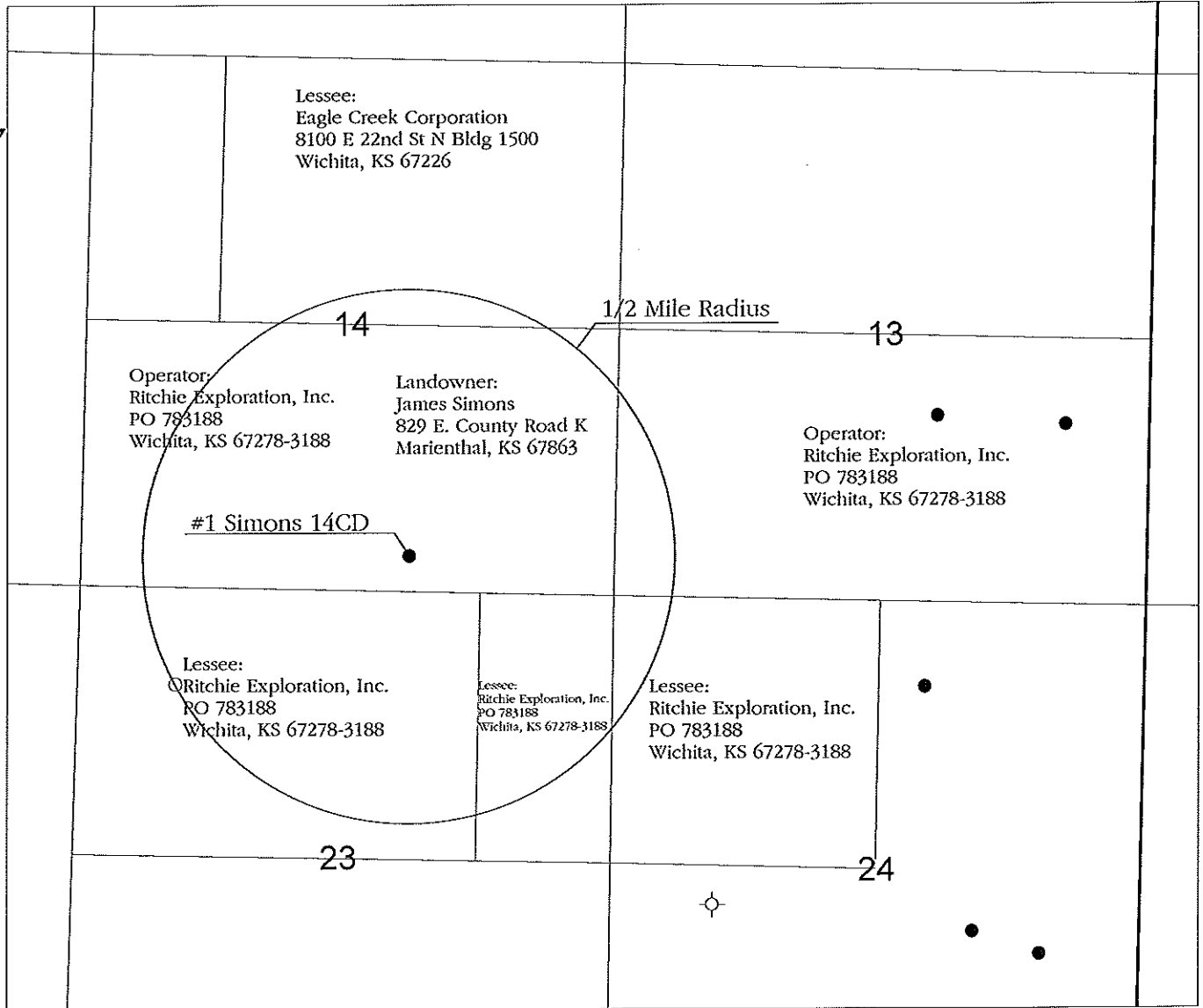
Submitted Electronically

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

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 Simons 14CD All Wells on Offsetting Leases within 1/2 Mile Radius Name and Address of Lessee of Record or Operator On Offsetting Leases		
Wichita County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 20,000	Date: November 5, 2014

APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#1 Simons 14CD
350' FSL & 2030' FEL
Section 14-17S-35W
Wichita Co., KS**

Township 17 South, Range 35 West

Sec. 13:	S/2	Ritchie Exploration, Inc. P.O. Box 783188 Wichita, KS 67278-3188	Operator: #1 Baker 13CD
Sec. 14:	E/2NW/4, NE/4	Eagle Creek Corporation 8100 E 22 nd St. N., Bldg 1500 Wichita, KS 67226	Lessee
	S/2	Ritchie Exploration, Inc.	Operator: #1 Simons 14CD
Sec. 23:	NW/4, W/2NE/4	Ritchie Exploration, Inc.	Lessee
	E/2NE/4	Ritchie Exploration, Inc.	Lessee
Sec. 24:	NW/4	Ritchie Exploration, Inc.	Lessee

AFFIDAVIT

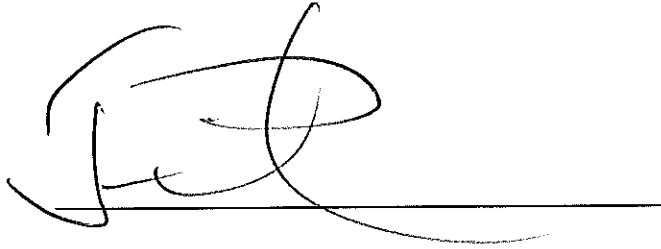
STATE OF KANSAS)
 - SS.
County of Sedgwick)

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 Simons 14CD #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 December 12, 2014.

made as aforesaid on the 12th of

December A.D. 2014

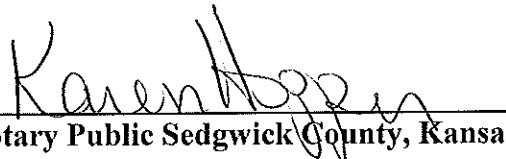
And affiant further says that he has personal knowledge of the statements above set forth and that they are true.



Subscribed and sworn to before me this

12th day of December 2014




Notary Public Sedgwick County, Kansas

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 17th of

December A.D. 2014, 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.

Mark Fletchall

Subscribed and sworn to before me this

17th December, 2014

JENNIFER RAE BAILEY
Notary Public - State of Kansas
My Appt. Expires 11/14/2017

JRB

Notary Public Sedgwick County, Kansas

Printer's Fee : \$125.60

LEGAL PUBLICATION

Published in the Wichita Eagle
December 17, 2014 (3330480)

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 and Alfamont sources of supply for the #1 Simons 14CD well located approx. NE SW SW SE of Section 14-17S-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

Proof of Publication

State of Kansas,
County of Wichita, ss:

Paige Weaver

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 25 day of Feb, 20 15
- 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 \$ 45.90
 Affidavit, Notary's Fees \$ _____
 Additional Copies @ _____ \$ _____
 Total Publication Fee \$ 45.90

Paige Weaver

(Signed)

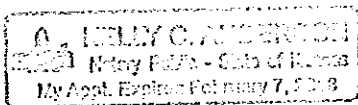
Witness my hand this 25 day of Feb, 20 15

SUBSCRIBED and SWORN to before me this 25

day of Feb, 20 15.

Holly C. Anderson
(Notary Public)

My commission expires 2-7-2018



(First published in the Leoti Standard on February 25 and last published on February 25)

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 Altamont sources of supply for the #1 Simons 14CD well located approx. NE SW SW SE of Section 14-17S-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



CONFIDENTIAL

Form Must Be Typed Form must be Signed All blanks must be Filled

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 # 34082 Name: Alliance Well Service Inc. Wellsite Geologist: Peter Florini Purchaser: Plains

Designate Type of Completion:

- Workover, Oil, Gas, OG, CM, Cathodic, etc.

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

Operator: Ritchie Exploration, Inc. Well Name: Simons 14CD Original Comp. Date: 06/22/2012 Original Total Depth: 5000

Table with 3 columns: Spud Date or Recompletion Date, Date Reached TD, Completion Date or Recompletion Date

API No. 15 - 15-203-20177-00-01 Spot Description: 20'N & 50'W of S2SWSE NE SW SW SE Sec. 14 Twp. 17 S. R. 35 East West 350 Feet from North South Line of Section 2030 Feet from East West Line of Section

Footages Calculated from Nearest Outside Section Corner: NE NW SE SW County: Wichita Lease Name: Simons 14CD Well #: 1 Field Name:

Producing Formation: LKC & Altamont Elevation: Ground: 3168 Kelly Bushing: 3177 Total Depth: 5000 Plug Back Total Depth: 4967 Amount of Surface Pipe Set and Cemented at: 255 Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: 2443 Feet If Alternate II completion, cement circulated from: 2443 feet depth to: 0 w/ 450 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

- Letter of Confidentiality Received Date: 01/18/2013 Confidential Release Date: Wireline Log Received Geologist Report Received UIC Distribution ALT I II III Approved by: NAOMI JAMES Date: 01/22/2013



1108682

Operator Name: Ritchie Exploration, Inc. Lease Name: Simons 14CD Well #: 1
 Sec. 14 Twp. 17 S. R. 35 East West County: Wichita

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum Attached Attached Attached
---	--

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	255	Common	185	3% cc,2% gel
Production	7.875	4.5	10.5	4997	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 checked="" type="checkbox"/> Plug Off Zone	4377-4382	Common	75	10% salt

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	4364'-4367' (LKC- lower J)	750Gals 15% NE+Surfactant+15 perf balls	
	4377'-4380' (LKC- upper K)	750Gals 15% NE+Surfactant+15 perfballs	
4	4556'-4563' (Altamont-C)	1000 Gals 15% NE w/Cla-Sta+Surfactant+35 perfballs	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4923</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>12/14/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>8.35</u>	Gas Mcf _____	Water Bbls. <u>3.34</u> Gas-Oil Ratio _____ Gravity <u>20</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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	---	--

Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Simons 14CD 1
Doc ID	1108682

Tops

Name	Top	Datum
Anhydrite	2469	+708
B/Anhydrite	2488	+689
Stotler	3642	-465
Heebner	4024	-847
Toronto	4040	-863
Lansing	4075	-898
Muncie Shale	4257	-1080
Stark Shale	4359	-1182
Hush	4406	-1229
BKC	4452	-1275
Marmaton	4480	-1303
Altamont	4506	-1329
Pawnee	4590	-1413
Myrick	4627	-1450
Fort Scott	4646	-1469
Cherokee Shale	4673	-1496
Johnson	4784	-1607
Morrow	4812	-1635
Mississippian	4901	-1724

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

March 12, 2015

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

RE: Approved Commingling CO031506
Simons 14CD 1
API No. 15-203-20177-00-01

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. 82-3-123. 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