



**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.*

**APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS**

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

**#1 Stieben 30BC  
2010’ FSL & 400’ FWL  
Section 30-13S-31W  
Gove Co., KS**

**Township 13 South, Range 31 West  
Gove County, Kansas**

Sec. 30:	N/2NW/4, NE/4, E/2SE/4	Ritchie Exploration, Inc. 8100 E. 22 <sup>nd</sup> St. N., Bldg. 700 Wichita, KS 67226	Operator: #1 Joseph, #2 Joseph
	W/2SE/4, S/2SW/4	Ritchie Exploration, Inc.	Operator: #1 Joseph 30CD, #2 Joseph 30CD, #3 Joseph 30CD
	S/2NW/4, N/2SW/4	Ritchie Exploration, Inc.	Operator: #1 Stieben 30BC, #2 Stieben 30BC

Laverne T. Stieben  
4801 Timber Lane  
Gig Harbor, WA 98335

Mineral Owner

Sec. 31:	N/2	Lario Oil & Gas Company 301 S. Market St. Wichita, KS 67202	Operator: Knapp #1-31, Knapp #2-31, Knapp #3-31, Knapp #4-31, Knapp #5-31, Knapp #6-31
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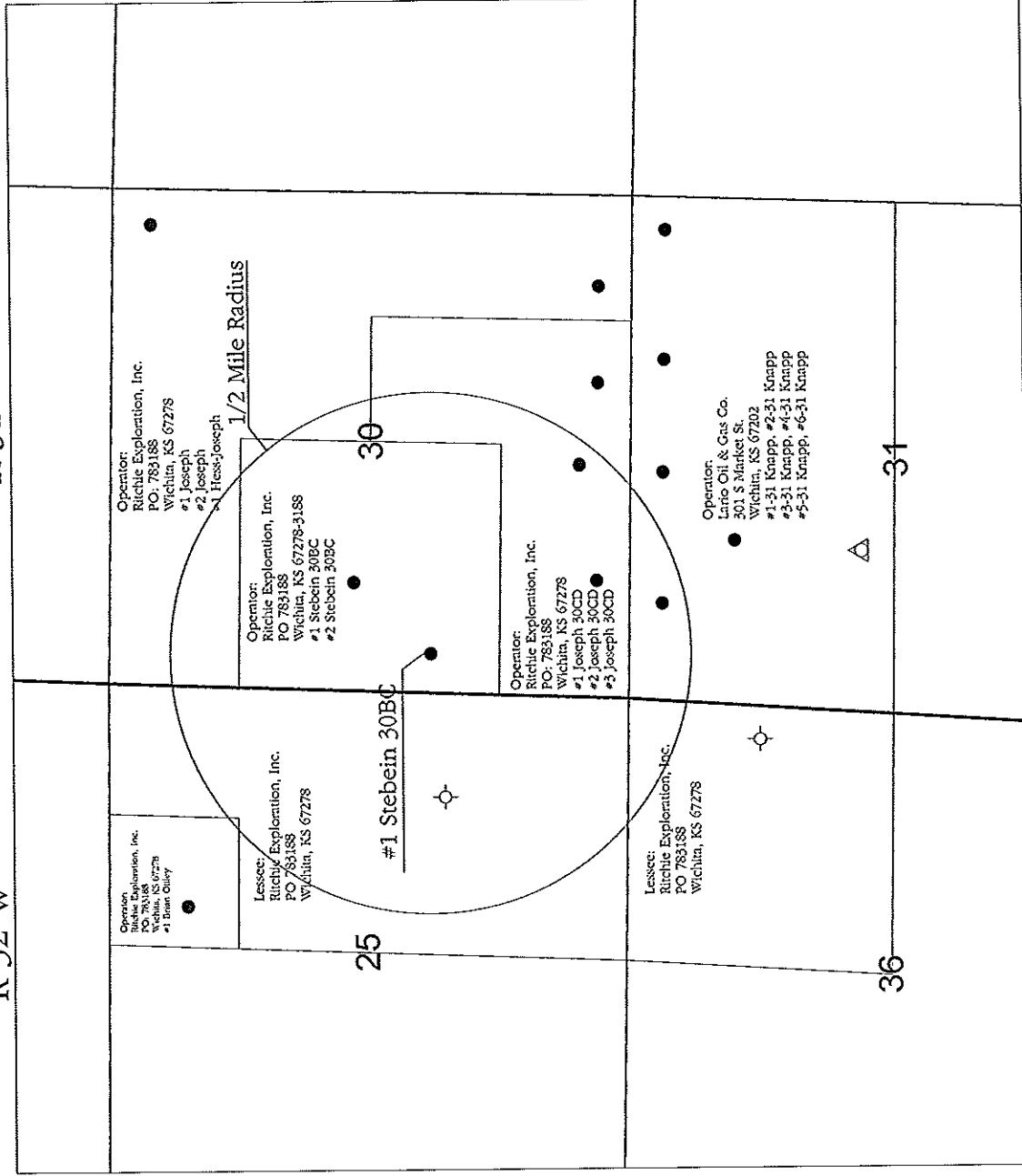
**Township 13 South, Range 32 West  
Logan County, Kansas**

Sec. 25:	NW/4NE/4	Ritchie Exploration, Inc.	Operator: #1 Brian Ortley
	E/2, except NW/4NE/4	Ritchie Exploration, Inc.	Lessee
Sec. 36:	NE/4	Ritchie Exploration, Inc.	Lessee

R 32 W

R 31 W

T  
13  
S



- Well Status
- Oil Well
  - Dry and Abandoned Well
  - △ Service Well

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

Application for  
Commencing of  
Production or Fluids

Applicant Well: #1 Stebein 30BC  
All wells on Offsetting Leases within 1/2 Mile Radius  
Name and Address of Lessee of Record or Operator

Govey / Logan County, Kansas

Prepared By: Justin Clegg	Scale: 1 : 21,120	Date: September 26, 2012
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**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 uninterrupted 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 3rd day  
of October, 2012,  
with subsequent publications being  
made on the following dates:

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

Printer's Fee ..... \$ 18.00  
Additional Copies ..... \$ \_\_\_\_\_  
Affidavit Fees ..... \$ 2.00  
Total Publication Fees \$ 20.00

Roxanne Broeckelman

Subscribed and sworn to before me  
this 3rd day of

October, 2012  
Linda L. Zerr  
Notary Public

My commission expires:  
January 8, 2013

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate,  
Quinter, KS; Wed., October 3, 2012 - 1)

**LEGAL NOTICE**  
You, and each of you, are hereby notified  
that Ritchie Exploration, Inc. has filed an appli-  
cation to commence the commingling of pro-  
duction from the Lansing-Kansas City and  
Johnson sources of supply for the #1 Sieben  
30BC well located approx. W/2, NW SW of  
Section 30-13S-31W, Gove County, Kansas.

Any persons who object to or protest this  
application shall be required to file their objec-  
tions 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 cor-  
relative rights or pollute the natural resources of  
the state of Kansas. If no protests are received,  
this application may be granted through a sum-  
mary 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

LINDA L. ZERR  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-8-2013

**AFFIDAVIT**

STATE OF KANSAS \  
- SS.  
County of Sedgwick /

Mark Fitchall, 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 3 issues - weeks, that the first publication of said notice was

made as aforesaid on the 22nd of

December 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.

*Mark Fitchall*

Subscribed and sworn to before me this

December 27, 2012

*Deborah C. Sanders*  
Notary Public Sedgwick County, Kansas

Printers Fee: \$151.60

DEBORAH C. SANDERS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. *12/31/14*

**230 Legal Notices**

**LEGAL NOTICE**  
You, and each of you, hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commingling of production from the Lansing-Johnson City and Johnson sources of supply for the #1 Steben 30BC well located approx. W/2 NW SW of Section 30-13S-31W, Gove County, Kansas. Any persons who object to this application or protest its approval 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 granting 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 be notified of the hearing and shall appear and state their objections to themselves accordingly.

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



September 26, 2012

Laverne T. Stieben  
4801 Timber Lane  
Gig Harbor, WA 98335


To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Lansing-Kansas City and Johnson sources of supply for the #1 Stieben 30BC well located approx. W/2 NW SW of Section 30-13S-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.

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.

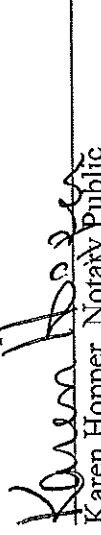
Sincerely,  
  
John Niernberger, Production Manager

Date this application and certificate was mailed: 9/26/2012

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

This instrument was acknowledged before me on September 26, 2012 by John Niernberger as Production Manager of Ritchie Exploration, Inc., on behalf of said corporation.

**KAREN HOPPER**  
**NOTARY PUBLIC-STATE OF KANSAS**  
**MY APPT. EXPIRES 3-8-15**

  
Karen Hopper, Notary Public  
My commission expires: 03/08/2015

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

(316) 691-9500  
Fax (316) 691-9550  
rei@ritchie-exp.com

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



September 26, 2012

Lario Oil & Gas Company  
301 S. Market St.  
Wichita, KS 67202


To Whom It May Concern:

Enclosed please find Ritchie Exploration, Inc.'s Application for Wellbore Commingling of fluids from the Lansing-Kansas City and Johnson sources of supply for the #1 Stieben 30BC well located approx. W/2 NW SW of Section 30-13S-31W, Gove County, Kansas.

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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: 9/26/2012

STATE OF KANSAS )  
COUNTY OF SEDGWICK ) SS

This instrument was acknowledged before me on September 26, 2012 by John Niernberger as Production Manager of Ritchie Exploration, Inc., on behalf of said corporation.

**KAREN HOPPER**  
**NOTARY PUBLIC-STATE OF KANSAS**  
**MY APPT. EXPIRES 3-2-15**

  
Karen Hopper, Notary Public  
My commission expires: 03/08/2015

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

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 4767  
 Name: Ritchie Exploration, Inc.  
 Address 1: P.O. Box 783188  
 Address 2: \_\_\_\_\_  
 City: Wichita State: KS Zip: 67278 + 3118  
 Contact Person: John Niernberger  
 Phone: (316) 691-9500  
 CONTRACTOR: License # 30606  
 Name: Murfin Drilling, Co., Inc.  
 Wellsite Geologist: Mike Engelbrecht  
 Purchaser: NCRA  
 Designate Type of Completion:  
 New Well    Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil    SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
 \_\_\_\_\_ Gas    ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
 \_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
 \_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
 (Core, WSW, Expl., Cathodic, 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 \_\_\_\_\_  
 \_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 \_\_\_\_\_ Corringled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
 \_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
 \_\_\_\_\_ Other (SWD or Enhr?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
8/18/10 8/31/10 8/31/10  
 Spud Date or Date Reached TD    Completion Date or  
 Recompletion Date    Recompletion Date

API No. 15- 063-21857-0000  
 Spot Description: 30' N & 70' E of  
 W/2 NW SW, Sec. 30 Twp. 13 S. R. 31  East  West  
2010 Feet from  North /  South Line of Section  
400 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Gove  
 Lease Name: Stieben 30BC Well #: 1  
 Field Name: \_\_\_\_\_  
 Producing Formation: LKC & Johnson  
 Elevation: Ground: 2909 Kelly Bushing: 2919  
 Total Depth: 4605 Plug Back Total Depth: 4576  
 Amount of Surface Pipe Set and Cemented at: 217 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 if yes, show depth set: 2370 Feet  
 if Alternate II completion, cement circulated from: \_\_\_\_\_ surface  
 feet depth to: 2370 w/ 255 \_\_\_\_\_ sx cnt.

**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*

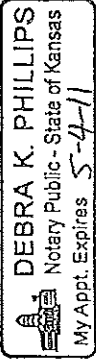
Chloride content: 8700 ppm Fluid volume: 1000 bbls  
 Dewatering method used: evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 180 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: \_\_\_\_\_ Date: 12/6/10  
 Title: Production Manager  
 Subscribed and sworn to before me this 6<sup>th</sup> day of December,  
20 10.  
 Notary Public: Debra K. Phillips  
 Date Commission Expires: 5-4-11

KCC Office Use ONLY	
_____ Letter of Confidentiality Received	_____ Date: _____
_____ If Denied, Yes <input type="checkbox"/> No <input type="checkbox"/>	_____ Wireline Log Received
_____ Geologist Report Received	_____ UIC Distribution





Operator Name: Ritchie Exploration, Inc.

Lease Name: Stieben 30BC

Well #: 1

Sec. 30 Twp. 13 S. R. 31

East  West

County: Gove

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken

(Attach Additional Sheets)

Yes  No

Samples Sent to Geological Survey

Yes  No

Cores Taken

Yes  No

Electric Log Run

Yes  No

(Submit Copy)

SEE ATTACHED

List All E. Logs Run:

**Dual Induction Log  
Compensated Density/Neutron Log**

Purpose of String	Size Hole Drilled	Size Casing Set (In.O.D.)	Weight Lbs. / FL	CASING RECORD		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				<input checked="" type="checkbox"/> New	<input type="checkbox"/> Used				
Surface	12-1/4	8-5/8	23	217		217	common	175	3%cc, 2%gel
Production	7-7/8	5-1/2	15.5	4603		4603	ASC	200	10% unit, 2% gel & 3/4% CD-31

**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				

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	4506.5' - 4512' (9/27/10)	500 gallons 15% NE	
4	4104' - 4108' (9/27/10)	500 gallons 15% NE	

TUBING RECORD:	Size: 2-7/8	Set At: 4542	Packers At:	Liner Run:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. 10/4/10	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. 52	Gas Mcf	Water Bbls. 7	Gas-Oil Ratio	Gravity 38

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	
(If vented, Submit ACO-18.)	<input type="checkbox"/> Other (Specify) _____	



**#1 Stieben 30BC**

2010' FSL & 400' FWL

30' N & 70' E of W/2 NW SW Section 30-13S-31W

Gove County, Kansas

API# 15-063-21857-0000

Elevation: GL: 2909', KB: 2919'

<u>Sample Tops</u>	<u>Ref.</u>	<u>Well</u>
Anhydrite	2397'	+522 -2
B/Anhydrite	2419'	+500 -1
Heebner	3896'	-977 +2
Lansing	3940'	-1021 +3
Lansing "C"	3976'	-1057 +4
Lansing "D"	3994'	-1075 +2
Lansing "E"	4016'	-1097 +2
Muncie Shale	4088'	-1169 +8
Lansing "H"	4106'	-1187 +6
Lansing "I"	4138'	-1219 +5
Lansing "J"	4156'	-1237 +9
Lansing "K"	4184'	-1265 +11
Lansing "L"	4224'	-1305 +10
BKC	4255'	-1336 +13
Marmaton	4276'	-1357 +10
Aktamont	4324'	-1405 +12
Pawnee	4371'	-1452 +14
Myric Station	4410'	-1491 +13
Fort Scott	4428'	-1509 +13
Cherokee Shale	4461'	-1542 +9
Johnson	4503'	-1584 +9
B/Johnson	4528'	-1609 +8
Morrow Sand	Absent	
Mississippian	4537'	-1618 +44
RTD	4605'	-1686

January 7, 2013

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

RE: Approved Commingling CO121211  
Stieben 30BC #1 Sec.30-T13S-R31W, Gove County  
API No. 15-063-21857-00-00

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. This application, which was received by the KCC on December 28, 2012, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Johnson	9.04	0.00	0.68	4506-4512
LKC	7.70	0.00	0.58	4104-4108
Total Estimated Current Production	16.74	0.00	1.26	

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

Commingling ID number CO121211 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