

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed March 2009

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

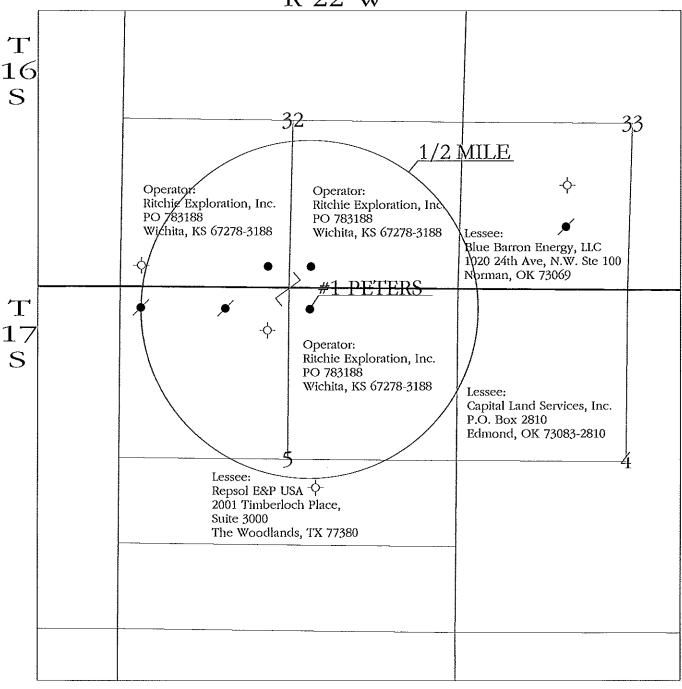
OPERATOR: License #	API No. 15		
Name:	Spot Description:		
Address 1:		Sec Twp	S. R
Address 2:		Feet from N	North / South Line of Section
City: State: Zip:	·	Feet from E	East / West Line of Section
Contact Person:	County:		
Phone: ()	Lease Name:	W	ell #:
_			
Name and upper and lower limit of each production in	ŭ		
Formation:	(Perfs)	):	
2. Estimated amount of fluid production to be commingle	ad from each interval:		
Formation:		MCEDD:	BWPD:
Formation:			BWPD:
Formation:			BWPD:
		-	
Formation:			BWPD:
Formation:	BOPD:	MCFPD:	BWPD:
Plat map showing the location of the subject well, all of the subject well, and for each well the names and address.		•	ases within a 1/2 mile radius of
4. Signed certificate showing service of the application a	and affidavit of publication as requi	red in K.A.R. 82-3-135a.	
For Commingling of PRODUCTION ONLY, include the follow	ving:		
5. Wireline log of subject well. Previously Filed with ACC	D-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.			
Any available water chemistry data demonstrating the	compatibility of the fluids to be co	mmingled.	
AFFIDAVIT: I am the affiant and hereby certify that to the be current information, knowledge and personal belief, this request mingling is true and proper and I have no information or knowledge is inconsistent with the information supplied in this application.	for com-	Submitted Electro	nically
KCC Office Use Only	Protests may be filed by a	any party having a valid intere	est in the application. Protests must be
☐ Denied ☐ Approved	in writing and comply with the notice of application.	n K.A.R. 82-3-135b and must	be filed wihin 15 days of publication of

Date: \_

Approved By:

15-Day Periods Ends: \_\_

R 22 W





- Oil Well
- Abandoned Oil Well
- -🗘- Dry and Abandoned Well



## APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

# Operator, Lessee or Unleased Mineral Owner within a 1/2 mile radius of Ritchie Exploration, Inc.'s

# **#1 Peters** 330' FNL & 2310' FEL Section 5-17S-22W Ness Co., KS

## Township 16 South, Range 22 West

SW/4 Sec. 32:

Ritchie Exploration, Inc.

Operator: #1 Musselman

P.O. Box 783188

Wichita, KS 67278-3188

SE/4

Ritchie Exploration, Inc.

Operator: #2 Klitzke 5B-32D

Sec. 33:

SW/4

Blue Baron Energy, LLC 1020 24<sup>th</sup> Ave. N.W., Ste. 100

Norman, OK 73069

Lessee

### Township 17 South, Range 22 West

Sec. 4:

NW/4

Capital Land Services, Inc.

Lessee

P.O. Box 2810

Edmond, OK 73083-2810

Sec. 5:

NW/4

Ritchie Exploration, Inc.

Operator: #2 Klitzke 5B-32D

NE/4

Ritchie Exploration, Inc.

Operator: #1 Peters

N/2S/2

Repsol E&P USA

Lessee

2001 Timberloch Place, Suite 3000

The Woodlands, TX 77380

#### **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 Peters #1 well located in the County of Ness (see attached plat map). This notice included a letter and a copy of the Commingle Application (ACO-4). All notices were mailed on April 16, 2013.

made as aforesaid on the  $8^{th}$  of

May A.D. 2013

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

8th day of May 2013

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

Notary Public Sedgwick County, Kansa

#### AFFIDAVIT

STATE OF KANSAS

SS.

County of Sedgwick

Mark Fletchall, of lawful age, being first duly swom, 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 - weeks, that the first publication of said notice was

made as aforesaid on the 20th of

April A.D. 2013, 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.

Subscribed and sworn to before me this

8<sup>th</sup> of May, 2013

PENNY L. CASE PENNY L. CASE

Notary Public - State of Kansa My Appt. Expires

Notary Public Sedgyfick County, Kansas

Printers Fee: \$72.00

## 230 Legal Notices

LEGAL NOTICE
You, and each of you, are hereby notified that Rilchie Exoloration, inc. has filed an application inc. has filed an application of production from the Fort Scott, Cherokee, Conglomerate, and Mississippian sources of supply for the #I Peters well iocaled approx. NW NW NE of Section 5-17S-22W, Rest County, Kansas. Any persons who object to or protest linis applications or protests with the Conservation of the State Corporation Commission of the State Corporation Commission of the State Corporation Commission of the State Corporation These protests shall be filed pursuant to Commission regulation. 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 in natural resources of the state of Kansas if no protests are received, this application may be granted intrough a summary proceeding. If valid protests are received, this in application may be granted intrough a summary proceeding. If valid protests are received, this maiter will be set for hearing, il persons inierested or concerned shall take notice of the foregoing and shall governingly.

Ritchie Exploration, inc. P.O. Box 783188 Wichita, KS 67278-3188 (316) 691-9500

Case	No.
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First published in the Ness County News on Thursday, April 25, 2013 -1t

#### **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 Fort Scott, Cherokee, Conglomerate, and Mississippian sources of supply for the #1 Peters well located approx. NW NW NE of Section 5-17S-22W, Ness 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.

STATE OF KANSAS, COUNTY OF NESS, ss:

Jerry Clarke, being first duly sworn, Deposes and says: that he is Publisher of The Ness County News, a weekly newspaper, published and printed in Ness City, State of Kansas, and published in and of general circulation in Ness County, Kansas, with a general paid circulation on a weekly basis in Ness 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; 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 of Ness City, in said County as second class mail matter.

That the attached notice is a true copy there and entire issue of said newspaper for	eof and was published in the regular consecutive
and entire issue of said newspaper forweeks, the first publication thereof being made:	as aforesaid on the 25th day
of	with subsequent publications being
·	20
,20	
, 20	, 20
,20	,20
Qual	Jerry Clarke, editor
	4
Subscribed and sworn to before me this 25th	
NOTARY PUBLIC - State of Kansas	Amanda Hawkins, Notary Public.
AMANDA HAWKINS My Apat Exp. 07/21/2013	Amanda Hawkins, Notary Public.
Publication Fee\$ 33	3.75
	, c p cor
Additional Copies @ \$	
Total Publication Fees \$ <u>33</u>	.75_
Filed this day of	20
•	
Attached Proof Of Publication approved this	day of, 20
<u> </u>	
	District Magistrate Judge
	00
Filed this day of	
	Clerk of the District Court.
	<b></b>
Attached Proof Of Publication approved this	day of, 20
	to the second se
J	udge Twenty-fourth Judicial District.

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 June 2009 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	API No. 15
Pitchia Evoloration, Inc.	Spot Description:
valle.	NW_NW_NE_Sec. 5 Twp. 17 S. R. 22 ☐ East  West
	330 Feet from V North / South Line of Section
Address 2: KS 67278 . 3188	2,310 Feet from 🗹 East / 🗌 West Line of Section
City: Wichita State; KS Zip: 67278 + 3188	Footages Calculated from Nearest Outside Section Corner:
Contact Person: John Niernberger	Footages Calculated from Nearest Outside Coulon Common
Phone: (316 ) 691-9500	
CONTRACTOR: License#	County: Ness Peters Well #: 1
Name:	
Wellsite Geologist:	Field Name: Weeks North
Purchaser: NCRA	Producing Formation: Fort Scott, Cherokee, Conglomerate, Mississippian
Designate Type of Completion:	Elevation: Ground: 2384' Kelly Bushing: 2389'
☐ New Well ☐ Re-Entry ☑ Workover	Total Depth: 4407' Plug Back Total Depth:
☑ Oil ☐ wsw ☐ swb ☐ slow	Amount of Surface Pipe Set and Cemented at: 219 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ GSW ☐ Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Ritchie Exploration	D. W. Hist Management Plon
Well Name: Peters	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: 9/6/85 Original Total Depth: 4407'	Chloride content:ppm Fluid volume:bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used:
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluld disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSecTwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	County:Formation
1/25/11	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover or	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information requested in writing and submitted with the form (see rule 82-3-107 for confidenwell report shall be attached with this form. ALL CEMENTING TICKETS MUST form with all temporarily abandoned wells.
	KCC Office Use ONLY
AFFIDAVIT  I am the affiant and I hereby certify that all cequirements of the statutes, rules and the affiant and I hereby certify that all cequirements of the statutes.	
totions promulated to regulate the oil and day industry have been fully compil	lea willi   —
and the statements herein are complete and correct to the best of my knowle	edge.  Confidential Release Date:
' ( . ' ) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Wireline Log Received
Signature:	Geologist Report Received
Title: Production Manager Date: 4/1/11	UIC Distribution
Ittle:	ALT [ ]   [ ]     Approved by: Date:

ALT 1 1 11 Approved by:

Side Two

Operator Name: Ritch	Name: Ritchie Exploration, Inc.			_ Lease	Lease Name: Peters			Well#:1		
	c <u>. 5</u> Twp. <u>17</u> S. R. <u>22</u> ☐ East ☑ West				y: <u>Ness</u>				<u>-</u>	<del></del>
INSTRUCTIONS: Short time tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shut if gas to surface tes	-in pressure st, along wit	es, whether sr h final chart(s							
Drill Stem Tests Taken (Attach Additional St	neels)	✓ Yes	□No		<b>⊘</b> Lo	g Formation	n (Top), Depth		_	ample
Samples Sent to Geolo	-	✓ Yes			Name Top SEE ATTACHED		Тор	IJ	atum	
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		☐ Yes ✓ Yes ☐ Yes	□No							
List All E. Logs Run: RA Guard Log,										
		Repor		RECORD		w Used ermediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	We	elght . / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type a	nd Percent Iditives
surface	12-1/4	8 5/8		23		219	common	150		
production	7 7/8	5.50	<del></del>	14		4394	60/40 poz	120		
				<u> </u>		IFERE DECORD	<u> </u>			
	T					JEEZE RECORD	Tugo	ad Percent Additives	<del></del>	
Purpose:  Perforate Protect Casing Piug Back TD Plug Off Zone	Depth Top Bottom	Туре с	of Cement	# Saci	ks Used Type and Percent Additives					
- 1 lug On zono										
Shots Per Foot	Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)					Depth				
	4394'- 4407' (Miss OH)							500 gals 15% NE/DSFE		
4	4304' - 4307' (Chei	okee) (09-	03-85), 4307'-	4309.5' (	(12-30-85)			Acid+7.5% Acetic (	01-31-11)	
4	4 4370' - 4375' (Conglomerate) (12-27-85) 1200 gal 7.5%+additives (12-28-85)									
2	4286' - 4289' (Fo	t Scott) (1	2-31-85)			600 gal 28%	NE (01-02-	86)		
TUBING RECORD:	Size: ! 7/8"	Set At: 4397'		Packer	· At:	Liner Run:	Yes ✓	] No		
Date of First, Resumed	Production, SWD or EN	IHR.	Producing Met	hod: √ Pum	otng [	Gas Lift	Other (Explain) -			
Estimated Production Per 24 Hours	0il 6.68	Bbls.	Gas	Mcf	Wa	ter E 3.34	Bbls.	Gas-Oil Ratlo		Gravily
DISPOSITION Sold			_	METHOD ( ✓ Perf.	OF COMPL Duali	y Comp. 🗹 Co	mmingled omit ACO-4)	PRODUCTION	ON INTER	VAL:



#1 Peters

330' FNL & 2310' FEL or NW NW NE Section 5-17S-22W

Ness County, Kansas API# 15-135-22,885

Elevation: 2384' GL: 2389' KB

## DRILLING REPORT

DIGIDENTO	<b>V</b>	Ref.			Ref.
Sample Tops		Well	Log Tops		<u>Well</u>
Anhydrite	1694' +6	95 -2	Anhydrite	1693' +	-694 <b>-</b> 3
B/Anhydrite		660 -2	B/Anhydrite	1725' +	-664 <b>-</b> 2
Heebner		392 -1	Heebner	3779' -	1390 +1
Toronto		412 -1	Toronto	3800' -	1411 flat
Lansing		429 flat	Lansing	3816'-	1427 +2
B/KC		709 -2	B/KC	4088' -	1699 +8
Pawnee		811 -4	Pawnee	4188' -	1799 +8
Ft. Scott	4281' -1	892 +13	Ft. Scott	4282'-	1893 +12
Cherokee Shale		911 +10	Cherokee Shale	4299'-	1910 +11
Cherokee Sand		915 +9	Cherokee Sand	4304' -	1915 +9
Basal Sand		986 +10	Basal Sand	4367'-	1978 +25
Mississippian		007 +20	Mississippian	4394' -	2005 +19
RTD		011	LTD	4401' -	2012
1411					

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Sam Brownback, Governor

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

May 23, 2013

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

RE: Approved Commingling CO051303

Peters 1, Sec.5-T17S-R22W, Ness County

API No. 15-135-22885-00-01

#### 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. This application, which was received by the KCC on May 8, 2013, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

	Estimated Current Production			
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Fort Scott	0.26	0.00	0.00	4286-4289
Cherokee	1.42	0.00	0.00	4304-4309
Conglomerate	0.49	0.00	0.00	4370-4375
Mississippian	4.51	0.00	3.34	4394-4407
Total Estimated Current Production	6.68	0.00	3.34	

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).

Commingling ID number CO051303 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