KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-4 Form must be typed March 2009

APPLICATION FOR COMMINGLING OF Con PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERAT	OR: License # 4767	API No. 1506	3-21806-00-00)
	Ritchie Exploration, Inc.			
Address	1: P.O. Box 783188	NE NE NE	Sec. 30 Twp. 13	S. R. 31 East West
Address	2:			th / South Line of Section
City: W	<u>lichita</u> State: KS Zip: 67278 + 3188	360	Feet from 🗹 Eas	t / West Line of Section
Contact I	Person: John Niernberger	Cours		
Phone:	(<u>316</u>) 691-9500		eph well	#: <u>1</u>
1 .	Name and upper and lower limit of each production interval to b			
	Formation: Johnson		4475.5' - 4479'	
	Formation: Fort Scott		4403' - 4420'	
	Formation: LKC	(Perfs):	4079' - 4083.5'	
	Formation:	(Perfs):		
	Formation:	(Perfs):		
-4				
Z 2.	Estimated amount of fluid production to be commingled from ea	ach interval:	MCFPD:	9.66
	Formation: Johnson	BOPD: 5.23	MCFPD:	BWPD: 0.00
	Formation: Fort Scott		MCFPD:	
	Formation: LKC	BOPD: 4.70	MCFPD:	BWPD:
	Formation:			BWPD:
	Formation:	BOPD:	MCFPD:	BWPD:
€ 3.	Plat map showing the location of the subject well, all other wells the subject well, and for each well the names and addresses of			es within a 1/2 mile radius of
2 4.	Signed certificate showing service of the application and affidate	vit of publication as required	d in K.A.R. 82-3-135a.	
For Con	mingling of PRODUCTION ONLY, include the following:			
2 5.	Wireline log of subject well. Previously Filed with ACO-1;	Yes No		
6.	Complete Form ACO-1 (Well Completion form) for the subject v	well.		RECEIVED
For Con	mingling of FLUIDS ONLY, include the following:			JAN 2 0 2012
7.	Well construction diagram of subject well.		7	
[] 8.	Any available water chemistry data demonstrating the compatiti	pility of the fluids to be comi	mingled.	KCC WICHITA
		(f		
	/IT: I am the affiant and hereby certify that to the best of my	Signature:		· · · · · · · · · · · · · · · · · · ·
	formation, knowledge and personal belief, this request for com- is true and proper and I have no information or knowledge, which	Printed Name: John	Niernberger	
	stent with the information supplied in this application.	Title: Production	n Manager	
1400				
KCC	Office Use Only			in the application. Protests must be filed wihin 15 days of publication of
De	-	the notice of application.		
15-Day	Periods Ends: 2/1/24 C			
Approv	red By: Date:			

R 31 W 20 Lessee: Operator: Ritchie Exploration, Inc. Operatora T Richie Exploration, Inc.
PO-783188
Wichita, KS 67278-3188
1 Phillips 206
1 Phillips 206 PO 784188 Ritchie Exploration, Inc. Wichita, KS 67278-3188 PO 783188 13 S Wichita, KS-67278-3188 *1 Phillips 19D #2 Phillips 20C #1 Phillips SWD #1 Joseph Operator: Ritchie Exploration, Inc. PO 783188 Operator: Ritchie Exploration, Inc. Wichia, KS 67278-3188 PO 783188 #1 Joseph Wichita, KS 67278-3188 Mineral Owner: #1 Hess 29B D. Bradley & Vicky M. #2 Hess 29B Ritchie Exploration, Inc. loseph PO 783188 516 Hudson Ave. Wichita, KS 67278-3188 Mineral Owner: Janice M. Baalman ≠1 Stieben 30BC Box 745 Hoxie, KS 67740 Operator Ritchie Exploration, Inc. PO 784188 Wichita, KS 67278-3188 #1 Hess 29C #2 Hess 29C Operators Ritchie Exploration, Inc. PO 783188 Wichim, KS 67278-1188 #1 Joseph 30CD

Legend

Oil Well

Service Well



APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

#1 Joseph 390' FNL & 360' FEL Section 30-13S-31W Gove Co., KS

Township 13 South, Range 31 West

Sec. 19:	SW/4	Ritchie Exploration, Inc.	Lessee
	SE/4	Ritchie Exploration, Inc.	Operator: #1 Phillips 19D
Sec. 20:	SW/4	Ritchie Exploration, Inc.	Operator: #1 Phillips 20C, #2 Phillips 20C, #1 Phillips SWD
Sec. 29:	NW/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29B, #2 Hess 29B
	SW/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29C, #2 Hess 29C
Sec. 30:	NE/4; N/2NW/4;	Ritchie Exploration, Inc.	Operator: #1 Joseph
	E/2SE/4	D. Bradley & Vicky M. Joseph 516 Hudson Ave. Oakley, KS 67748	Mineral Owners
		Janice M. Baalman Box 745 Hoxie, KS 67740	Mineral Owner
	S/2NW/4; N/2SW/4	Ritchie Exploration, Inc.	Operator: #1 Stieben 30BC
	W/2SE/4; S/2SW/4	Ritchie Exploration, Inc.	Operator: #1 Joseph 30CD
			PECELVED

RECEIVED
JAN 2 0 2012

KCC WICHITA

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 8th of

December A.D. 2011, 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.

Fletchall

Subscribed and sworn to before me this

8th day of December, 2011

PENNY L. CASE 回回的 Notary Public My Appt. Expires

Printer's Fee: \$91.60

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
DECEMBER 8, 2011 (3157829)

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, Fort Scotl, and Johnson sources of supply for the #1 Joseph well located approx. NE NE NE OF Section 30-135-31W, Gove 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 of Kansas within fifteen (15) days from the date of the publication. These profests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste, vlolate correlative rights or politule the natural resources of the state of Kansas. If no profests are received, this application may be granted through a summary proceeding. If valid profests 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 67278-3186 (316) 691-9500

AFFIDAVIT OF PUBLICATION State of Kansas, Gove County, ss:

- Roxanne Broeckelman				
being first dul			and	
says: That	she		is	
co-pub	lisher		_ 0	

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 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 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 we		the	first
publication thereo			
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aforesaid on the _	11111		_day
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this11th		d	ay of
January		2	012

My commission expires:

January 8, 2013

LEGAL ADVERTISING

(Published in the Gove County Advocate, Quinter, KS, Wed., January 11, 2012 - 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 Lansing-Kansas City, Fort Scott, and Johnson sources of supply for the #1 Joseph well located approx. NE NE NE of Section 30-13S-31W, Gove County, Kansas.

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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) 691-95001





January 19, 2012

Kansas Corporation Commission Conservation Division 130 S. Market, Room 2078 Wichita, KS 67202

RE: Joseph #1

approx. NE NE NE Sec. 30-13S-31W Gove County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-4 for the above referenced well along with all the required attachments. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niemberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Karen Hopper

Production Assistant

Enclosures

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner

February 7, 2012

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

RE: Approved Commingling CO011212

Joseph #1, Sec.30-T13S-R31W, Gove County

API No. 15-063-21806-00-00

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 January 20, 2012, 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
Johnson	9.25	0	9.66	4475.5-4479
Fort Scott	6.22	0	0.00	4403-4420
LKC	4.78	0	1.26	4079-4083.5
Total Estimated Current Production	20.25	0.0	10.92	

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 CO011212 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