



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.

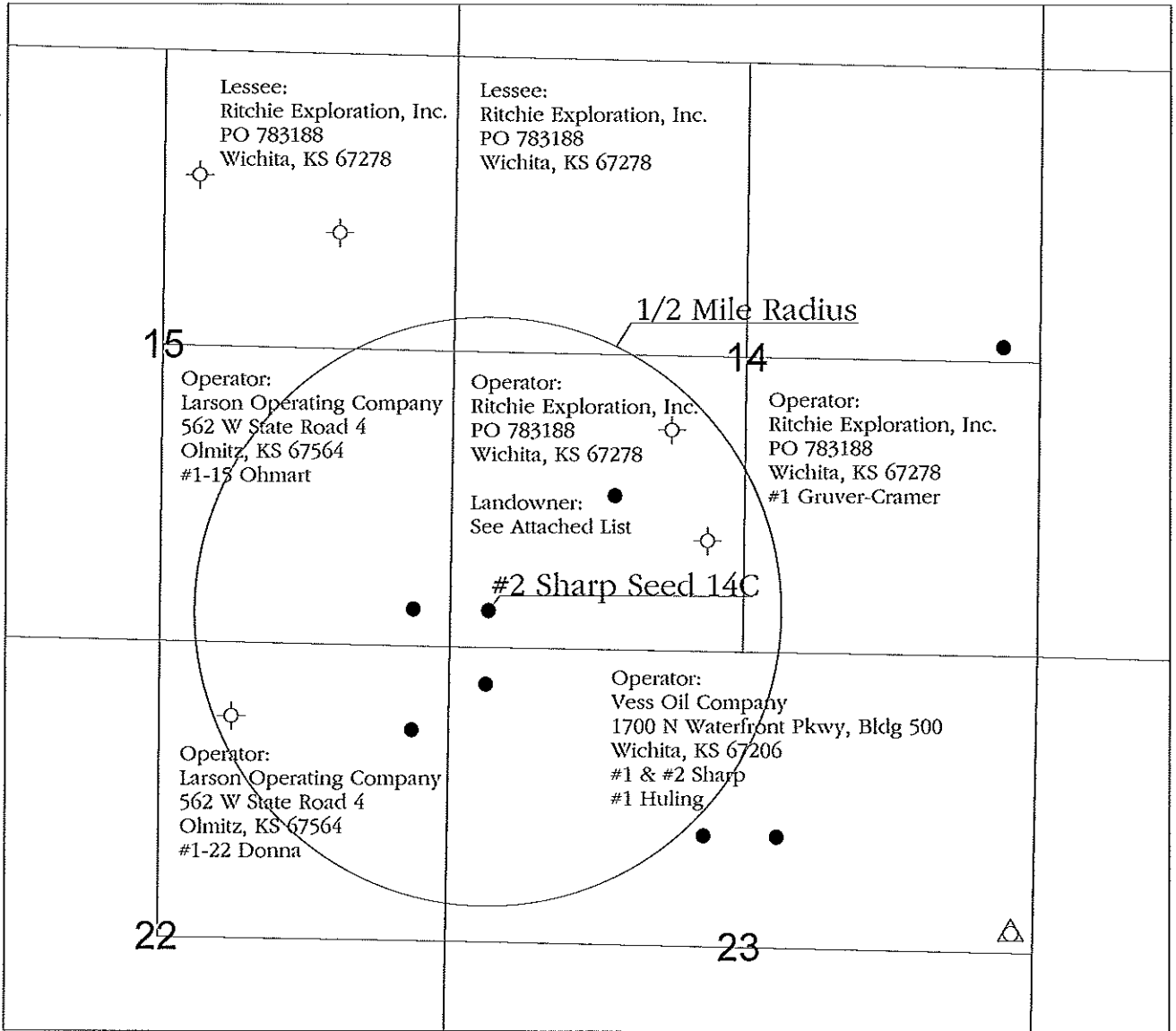
Submitted Electronically

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 31 W

T
17
S



Legend

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

 <p>RITCHIE EXPLORATION, INC. Wichita, Kansas</p>	<p>Application for Commingling of Production or Fluids</p>	
<p>Applicant Well: #2 Sharp Seed 14C All Wells on Offsetting Leases Within 1/2 Mile Radius Name and Address of Lessee of Record or Operator</p>		
<p>Scott County, Kansas</p>		
<p>Prepared By: Justin Clegg</p>	<p>Scale: 1 : 18,500</p>	<p>Date: March 13, 2012</p>

APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#2 Sharp Seed 14C
330' FSL & 345' FWL
Section 14-17S-31W
Scott Co., KS**

Township 17 South, Range 31 West

Sec. 14:	NW/4	Ritchie Exploration, Inc.	Lessee
	SE/4	Ritchie Exploration, Inc.	Operator: #1 Gruver-Cramer
	SW/4	Ritchie Exploration, Inc.	Operator: #2 Sharp Seed 14C
		Patrick Shane Phillips 1822 S. Mead St. Wichita, KS 67211	Mineral Owner
		Mark K. Phillips 1822 S. Mead St. Wichita, KS 67211	Mineral Owner
		Troy A. Phillips 1822 S. Mead St. Wichita, KS 67211	Mineral Owner
		Sharp Seed Farms LLC P.O. Box 170 Healy, KS 67850	Mineral Owner
		Betty J. Sharp 552 Lakewood Circle Colorado Springs, CO 80910	Mineral Owner
		Brenda J. Sharp a/k/a Brenda Sharp Bishop & Brenda J. O'Brien 550 Lakewood Circle Colorado Springs, CO 80910	Mineral Owner
Sec. 15:	NE/4	Ritchie Exploration, Inc.	Lessee

Sec. 15:	SE/4	Larson Operating Company 562 W. State Road 4 Olmitz, KS 67564	Operator: #1-15 Ohmart
Sec. 22:	NE/4	Larson Operating Company	Operator: #1-22 Donna
Sec. 23:	N/2	Vess Oil Company 1700 N. Waterfront Pkwy, Bldg 500 Wichita, KS 67206	Operator: #1 Sharp, #2 Sharp, #1 Huling

AFFIDAVIT

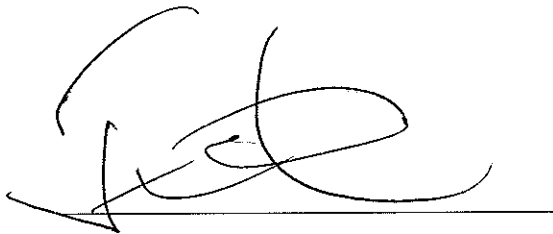
STATE OF KANSAS)
 - SS.
County of Sedgwick)

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 Sharp Seed 14C #2 well located in the County of Scott (see plat map attached). This notice included a letter and a copy of the Commingle Application (ACO-4). All notices were mailed on March 22, 2012.

made as aforesaid on the 22nd of


March A.D. 2012

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

22nd day of March 2012



Notary Public Sedgwick County, Kansas

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

Public Notice

(Published In The Scott County Record Thurs., March 29, 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 Johnson and Cherokee Lime sources of supply for the #2 Sharp Seed 14C well located approx. SW SW SW of Section 14-17S-31W, Scott 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

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 28th of

March A.D. 2012, with

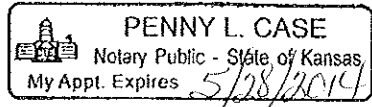
subsequent publications being made on the following dates:

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

Mark Fletchall

Subscribed and sworn to before me this

28th day of March, 2012



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$89.20

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
MARCH 28, 2012 (3175909)

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 Johnson and Cherokee Lime sources of supply for the #2 Sharp See 14C well located approx. SW SW SW of Section 14-17S-31W, Scott 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

Operator Name: Ritchie Exploration, Inc. Lease Name: Sharp Seed 14C Well #: 2
 Sec. 14 Twp. 17 S. R. 31 East West County: Scott

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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED

List All E. Logs Run:

Dual Induction Log
 Compensated Density/Neutron Log

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	12-1/4	8-5/8	23#/24#	224	Common	175	3%cc, 2% gel
Production	7-7/8	4-1/2	10.5	4638	ASC	200	10% salt, 2% gel & 5# per sack fo-vent

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)	
		Amount	Depth
4	4034.5' - 4038.5' (LKC-E 4/14/10)	500 gallons 15% NE	
4	4275.5' - 4279.5 (LKC-L 4/14/10)		
	**** Packer set at 4431' ****		
4	4500' - 4502.5' & 4510' - 4512.5' (Cherokee Lime 4/14/10)	600 gallons 15% NE	
4	4544.3' - 4548.3' (Johnson 4/14/10)	500 gallons 15% NE	

TUBING RECORD		Liner Run	
Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2-3/8	4570'	4431'	

Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
4/26/10	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	17.65		0		33.5

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____
 Production Interval _____



#2 Sharp Seed 14C
 330' FSL & 345' FWL
 15' E of SW SW SW Section 14-17S-31W
 Scott County, Kansas
 API# 15-171-20756-0000
 Elevation: 2914' GL: 2919' KB

Sample Tops			Ref. Well
Anhydrite	2282'	+637	-5
B/Anhydrite	2301'	+618	-6
Stotler	3521'	-602	+2
Topeka	3669'	-750	+1
Heebner	3900'	-981	flat
Toronto	3912'	-993	flat
Lansing	3936'	-1017	flat
Lansing "C"	3976'	-1057	flat
Lansing "E"	4033'	-1114	-1
Muncie Creek	4127'	-1208	-3
Lansing "H"	4138'	-1219	-4
Stark Shale	4223'	-1304	-5
Lansing "K"	4235'	-1316	-7
BKC	4300'	-1381	-4
Pleasanton	4307'	-1388	-3
Marmaton	4339'	-1420	-4
Altamont	4354'	-1435	-4
Pawnee	4425'	-1506	-8
Myric	4456'	-1537	-7
Fort Scott	4470'	-1551	-7
Cherokee Shale	4494'	-1575	-9
Johnson	4534'	-1615	-8
Morrow Sand	4566'	-1647	N/A
Mississippian	4577'	-1658	-14
RTD	4640'	-1721	



April 9, 2012

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

RE: #2 Sharp Seed 14 C
Sec. 14-17S-31W
Scott County, Kansas

To Whom It May Concern:

Please find an ACO-4 for the above referenced well. The required attachments have also been submitted. 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 Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Karen Hopper
Production Assistant

kjh

Attachments

April 16, 2012

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

RE: Approved Commingling CO041206
Sharp Seed 14C #2, Sec.14-T17S-R31W, Scott County
API No. 15-171-20756-00-00

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 April 9, 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	3.34	0.00	0.00	4544-4548
Cherokee Lime	4.18	0.00	0.00	4275-4279
Total Estimated Current Production	7.52	0.00	0.00	

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 CO041206 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