



KANSAS CORPORATION COMMISSION 1078306
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* CO041206
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

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

API No. 15 - 15-171-20756-00-00
Spot Description: _____
E2 SW SW SW Sec. 14 Twp. 17 S. R. 31 East West
330 Feet from North / South Line of Section
345 Feet from East / West Line of Section
County: Scott
Lease Name: Sharp Seed 14C Well #: 2

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Johnson (Perfs): 4544-4548
Formation: Cherokee Lime (Perfs): 4275-4279
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Johnson BOPD: 3.34 MCFPD: 0 BWPD: 0
Formation: Cherokee Lime BOPD: 4.18 MCFPD: 0 BWPD: 0
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.

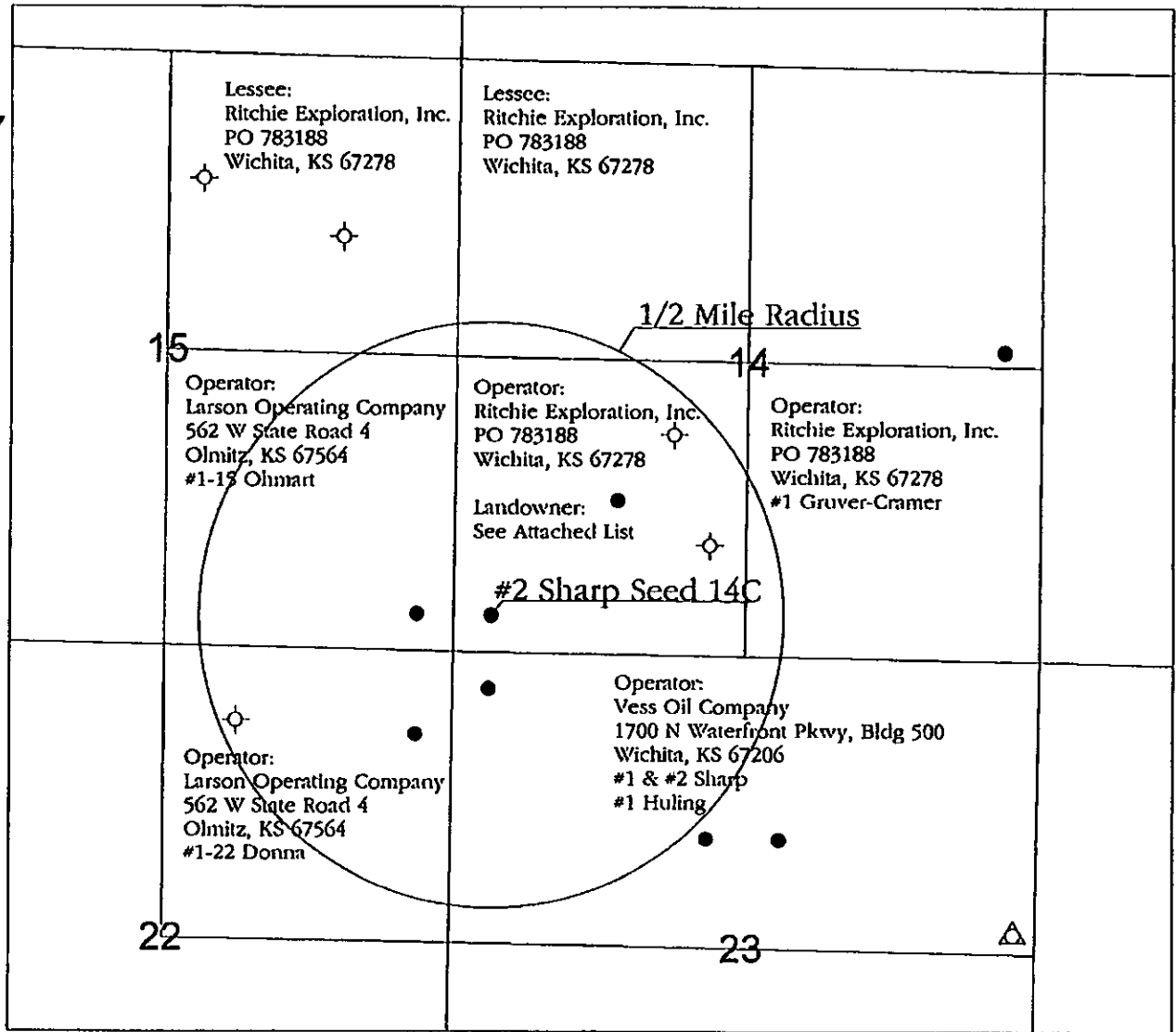
Submitted Electronically

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: 4/13/2012
Approved By: Rick Hestermann Date: 04/16/2012

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

 RITCHIE EXPLORATION, INC. Wichita, Kansas		Application for Commingling of Production or Fluids
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		
Scott County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 16,500	Date: March 15, 2012

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

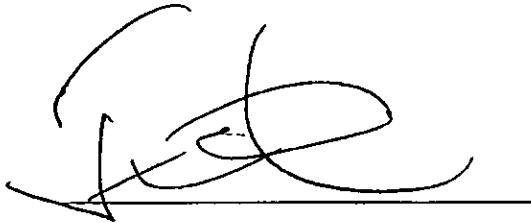
STATE OF KANSAS)
 - SS.
County of Sedgwick)

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

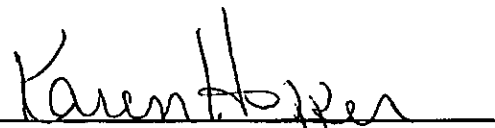
March A.D. 2012

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) 11

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

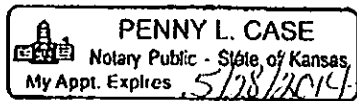
subsequent publications being made on the following dates:

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



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

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/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

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