

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

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

Commingling ID # CO011208

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2: _____
City: Wichita State: KS Zip: 67278 + 3188
Contact Person: John Niernberger
Phone: (316) 691-9500

API No. 15 - 063-21791 - 00-01
Spot Description: 35' S & 35' W of
C NW SE SW Sec. 29 Twp. 13 S. R. 31 East West
1,120 Feet from North / South Line of Section
1,450 Feet from East / West Line of Section
County: Gove
Lease Name: Hess 28-29 CTB; Hess 29C Well #: 1

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Johnson (Perfs): 4486' - 4489'
Formation: Myrick Station (Perfs): 4392' - 4396'
Formation: LKC (Perfs): 4087' - 4092'
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Johnson BOPD: 3.48 MCFPD: _____ BWPD: 10.49
Formation: Myrick Station BOPD: 8.36 MCFPD: _____ BWPD: 25.16
Formation: LKC BOPD: 11.38 MCFPD: _____ BWPD: 34.25
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.

Signature: [Handwritten Signature]
Printed Name: John Niernberger
Title: Production Manager

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KCC Office Use Only
 Denied Approved
15-Day Periods Ends: 1/26/2012
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.

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

January 26, 2012

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

RE: Approved Commingling CO011208
Hess 29C #1, Sec. 29-T13S-R31W, Gove County
API No. 15-063-21791-00-01

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 January 20, 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	3.48	0	10.49	4486-4489
Myrick Station	8.36	0	25.16	4392-4396
LKC	11.38	0	34.25	4087-4092
Total Estimated Current Production	23.22	0.0	69.90	

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 CO011208 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

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13
S

R 31 W

19

20

21

Lessee:
Ritchie Exploration, Inc.
PO 783188
Wichita, KS 67278-3188

Operator:
Ritchie Exploration, Inc.
PO 783188
Wichita, KS 67278-3188
#1 Hess 29B

Operator:
Ritchie Exploration, Inc.
PO 783188
Wichita, KS 67278-3188
#1 Hess 29A
#1 Hess-Shipley

1/2 Mile Radius

30

29

28

Operator:
Ritchie Exploration, Inc.
PO 783188
Wichita, KS 67278-3188
#1 Hess 29C
#1 Hess 29CD Unit

Operator:
Ritchie Exploration, Inc.
PO 783188
Wichita, KS 67278-3188
#1 Hess 29CD Unit
#1 Hess-Shipley

Mineral Owner(s):
Jean Marie Phelps #1 Hess, 29C
PO 302
Pine, Co 80470
Leslie Ann Hess
PO 1450
Hays, KS 67601

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

Lessee:
Grand Mesa Operating Co
1700N. Waterfront Pkwy #600
Wichita, KS 67206-5514

Lessee:
Grand Mesa Operating Co.
1700N. Waterfront Pkwy #600
Wichita, KS 67206-5514

31

32

33

Legend

- Oil Well
- ⊕ Dry and Abandoned Well

 RITCHIE <small>EXPLORATION, INC.</small> <small>WICHITA, KANSAS</small>		Application for Commingling Production or Fluids
Applicant Well: #1 Hess 29C All Wells on Offsetting Leases within 1/2 Mile Radius Name and Address of Lessee of Record, Landowner or Operator		
Gove County, Kansas		
Prepared By: Justin Clegg	Scale: 1 : 26,000	Date: September 15, 2009

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APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#1 Hess 29C
1120' FSL & 1450' FWL
Section 29-13S-31W
Gove Co., KS**

Township 13 South, Range 31 West

Sec. 29:	NE/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29A & #1 Hess-Shipley
	NW/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29B
	SW/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29CD Unit & #1 Hess 29C
		Jean Marie Phelps P.O. Box 302 Pine, CO 80470	Mineral Owner
		Leslie Ann Hess P.O. Box 1450 Hays, KS 67601	Mineral Owner
	SE/4	Ritchie Exploration, Inc.	Operator: #1 Hess 29CD Unit & #1 Hess-Shipley
Sec. 30:	N2NW, NE/4 & E/2SE/4	Ritchie Exploration, Inc.	Lessee
Sec. 31:	NE/4	Lario Oil & Gas Company 301 S. Market St. Wichita, KS 67202	Lessee
Sec. 32:	N/2	Grand Mesa Operating Company Lessee 1700 N. Waterfront Pkwy, Bldg #600 Wichita, KS 67206-5514	Lessee

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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 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 week(s), the first
publication thereof being made as
aforesaid on the 11th day
of January, 2012,
with subsequent publications being
made on the following dates:

_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____

Printer's Fee\$ 18.70
Additional Copies\$ _____
Affidavit Fees\$ 2.00
Total Publication Fees ..\$ 20.70

Roxanne Broeckelman

Subscribed and sworn to before me
this 11th day of
January, 2012

Linda L. Zerr
Notary Public

My commission expires:
January 8, 2013

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

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 appli-
cation to commence the commingling of pro-
duction from the Lansing-Kansas City,
Johnson, and Myrick sources of supply for the
#1 Hess 29C well located approx. C NW SE
SW of Section 29-13S-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

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JAN 20 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

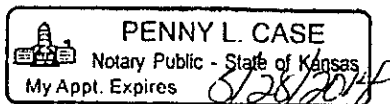
subsequent publications being made on the following dates:

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

Mark Fletchall

Subscribed and sworn to before me this

8th day of December, 2011



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$91.60

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE
DECEMBER 8, 2011 (3157818)

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, Johnson, and Myrick sources of supply for the #1 Hess 29C well located approx. C NW SE SW of Section 29-13S-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 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

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