



KANSAS CORPORATION COMMISSION 1082964
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF *Commingling ID #* **CO051208**
PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a)

OPERATOR: License # 4767 API No. 15 - 15-057-20667-00-00
Name: Ritchie Exploration, Inc. Spot Description: _____
Address 1: 8100 E 22ND ST N # 700 SE NW NW SW Sec. 4 Twp. 26 S. R. 22 East West
Address 2: BOX 783188 2190 Feet from North / South Line of Section
City: WICHITA State: KS Zip: 67278 + 3188 640 Feet from East / West Line of Section
Contact Person: John Niernberger County: Ford
Phone: (316) 691-9500 Lease Name: Nau 4BC Well #: 1

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Cherokee Lime (Perfs): 4838-4841
Formation: Altamont B (Perfs): 4671-4678
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Cherokee Lime BOPD: 8.35 MCFPD: 0 BWPD: 0
Formation: Altamont B BOPD: 6.61 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.

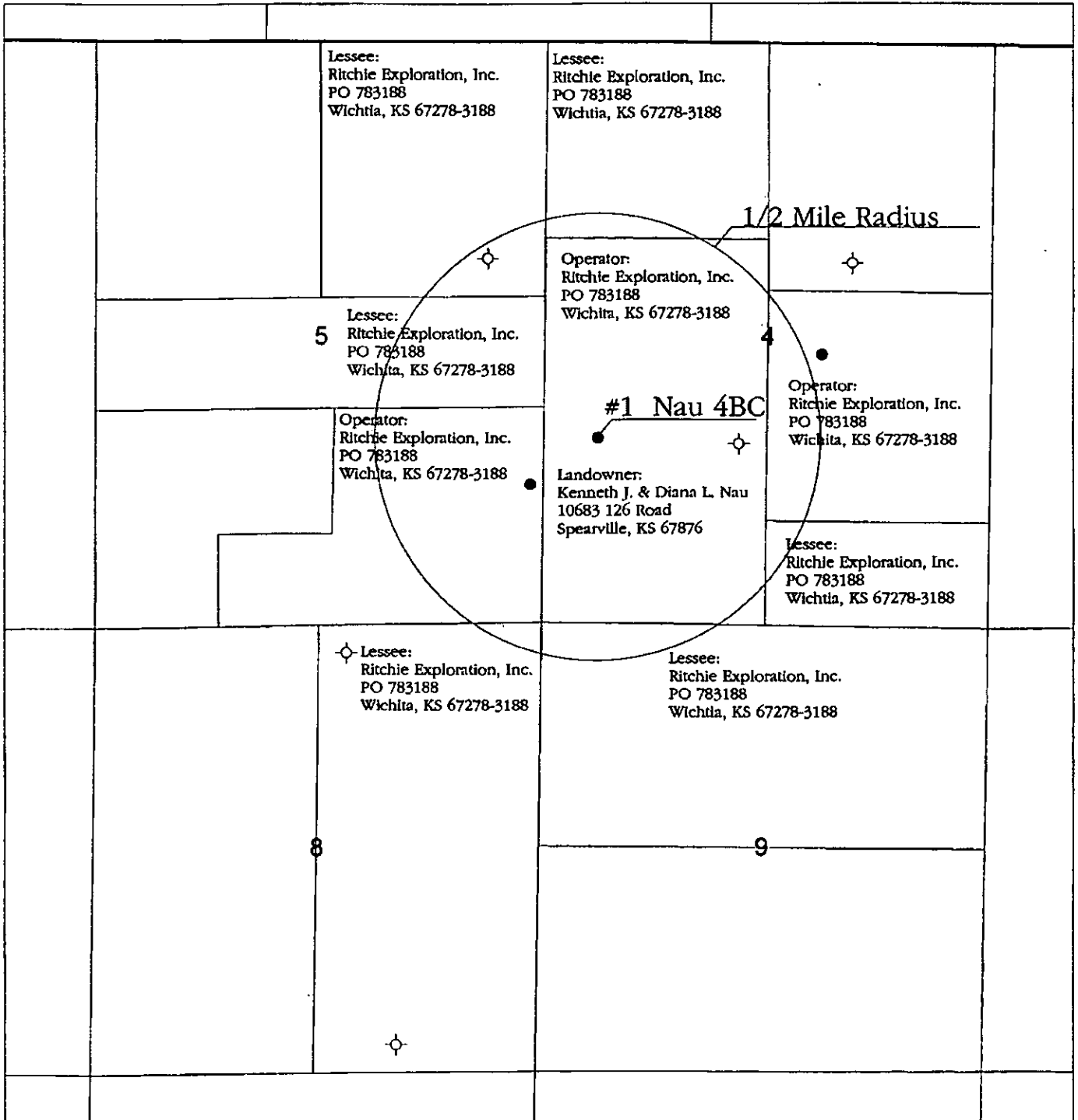
Submitted Electronically

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: 3/12/2012
Approved By: Rick Hestermann Date: 06/04/2012


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 22 W

T
26
S



- Legend**
- Oil Well
 - ⊕ Dry and Abandoned Well

 <p>RITCHIE EXPLORATION, INC. Wichita, Kansas</p>		<p>Application for Commingling of Production or Fluids</p>
<p>Applicant Well: #1 Nau 4BC All Wells on Offsetting Leases within 1/2 Mile Radius Name and Address of Lessee of Record or Operator On Offsetting Leases</p>		
<p>Ford County, Kansas</p>		
Prepared By: Justin Clegg	Scale: 1 : 20,500	Date: March 13, 2012

APPLICATION FOR COMMINGLING OF PRODUCTION OR FLUIDS

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

**#1 Nau 4BC
2190' FSL & 640' FWL
Section 4-26S-22W
Ford Co., KS**

Township 26 South, Range 22 West

Sec. 4:	N/2SE/4; S/2NE/4	Ritchie Exploration, Inc.	Operator: #1 Imel
	N. 140 ac. of the W/2	Ritchie Exploration, Inc.	Lessee
	S/2SE/4	Ritchie Exploration, Inc.	Lessee
	S. 280 ac. of the W/2	Ritchie Exploration, Inc. Kenneth J. & Diana L. Nau 10683 126 Road Spearville, KS 67876	Operator: #1 Nau 4BC Mineral Owners
Sec. 5:	Lts. 1-4	Ritchie Exploration, Inc.	Lessee
	S/2N/2;	Ritchie Exploration, Inc.	Lessee
	SE/4SW/4; SE/4	Ritchie Exploration, Inc.	Operator: #1 Imel-Nau
Sec. 8:	E/2	Ritchie Exploration, Inc.	Lessee
Sec. 9:	NW/4	Ritchie Exploration, Inc.	Lessee

AFFIDAVIT

STATE OF KANSAS)
 - SS.
County of Sedgwick)

John Niernberger, of lawful age, being first duly sworn, deposes 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 Nau 4BC #1 well located in the County of Ford (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

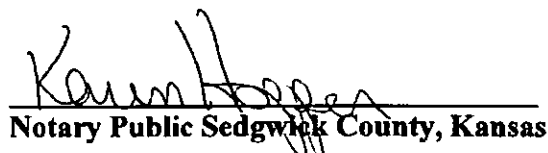
March A.D. 2012

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

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 (3175908)

LEGAL NOTICE

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the commencing of production from the Cherokee Lime and Alumina B sources of supply for the #1 Nau 48C well located approx. N/2 NW SW of Section 4-26S-22W, Ford 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.

RICHEL EXPLORATION, INC.
P.O. Box 783188
Wichita, KS 67278-3188
(316) 671-9500

Proof of Publication
State of Kansas, Ford County, SS.

Dodge City Daily Globe

Ritchie Exploration
PO Box 783188
Wichita, KS 67278

Reference: 70967 Account:


Emily Shultz, of lawful age, being duly sworn upon oath, states that she is the General Manager of the DODGE CITY DAILY GLOBE.

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice;

THAT said paper was entered as second-class mail matter at the post office of its publication;

THAT said paper has a general paid circulation on a daily, or weekly, or yearly basis in FORD COUNTY KANSAS, and is NOT a trade, religious or fraternal publication and has been PRINTED and published in FORD COUNTY, KANSAS.

THE ATTACHED was published on the following dates in a regular issue of said paper:

(Sign) 
PUBLISHED ON: 3/27/2012

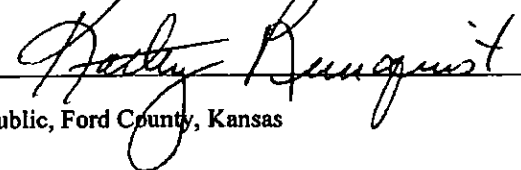
TOTAL COST: \$24.70

FILED ON: 3/27/2012

AD SPACE: 4.75 Inches

Witness my hand this 27 day of Mar 2012

SUBSCRIBED and Sworn to Before Me This 27 day of Mar 2012


Notary Public, Ford County, Kansas

**005 PUBLIC NOTICES/
LEGAL NOTICES**

(First Published in the Dodge City Daily Globe, Tuesday, March 27, 2012)

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 Cherokee Lime and Altamont B sources of supply for the #1 Nau BC well located approx. N/2 NW SW of Section 4-28S-22W Ford 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

 **KATHY RUNQUIST**
Notary Public - State of Kansas
My Appt. Expires 11/23/12

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

June 4, 2012

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

RE: Approved Commingling CO051208
Nau 4BC 1, Sec.4-T26S-R22W, Ford County
API No. 15-057-20667-00-00

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 May 31, 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	
Cherokee Lime	8.35	0	0	4838-4841
Altamont B	6.61	0	0	4671-4678
Total Estimated Current Production	14.96	0	0	

Based upon the depth of the Cherokee Lime 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 CO051208 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