



KANSAS CORPORATION COMMISSION 1075032
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 # CO021205

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 - 15-081-21887-00-00
Spot Description: _____
NE NE Sec. 1 Twp. 30 S. R. 31 East West
660 Feet from North / South Line of Section
660 Feet from East / West Line of Section
County: Haskell
Lease Name: Jacobs-Wood Well #: 1

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|---|---------------------------|
| Formation: <u>Morrow Sand</u> | (Perfs): <u>5252-5261</u> |
| Formation: <u>Mississippian Chester</u> | (Perfs): <u>5261-5264</u> |
| Formation: _____ | (Perfs): _____ |
| Formation: _____ | (Perfs): _____ |
| Formation: _____ | (Perfs): _____ |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|---|-------------------|-----------------|-------------------|
| Formation: <u>Morrow Sand</u> | BOPD: <u>1.43</u> | MCFPD: <u>0</u> | BWPD: <u>.7</u> |
| Formation: <u>Mississippian Chester</u> | BOPD: <u>.61</u> | MCFPD: <u>0</u> | BWPD: <u>2.82</u> |
| 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	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>3/9/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>03/09/2012</u>

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.



February 23, 2012

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

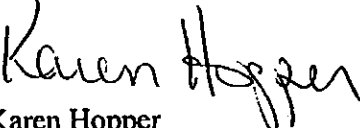
RE: #1 Jacobs-Wood
Sec. 1-30S-31W
Haskell County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-4 for the above referenced well. The required attachments have also been enclosed. 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

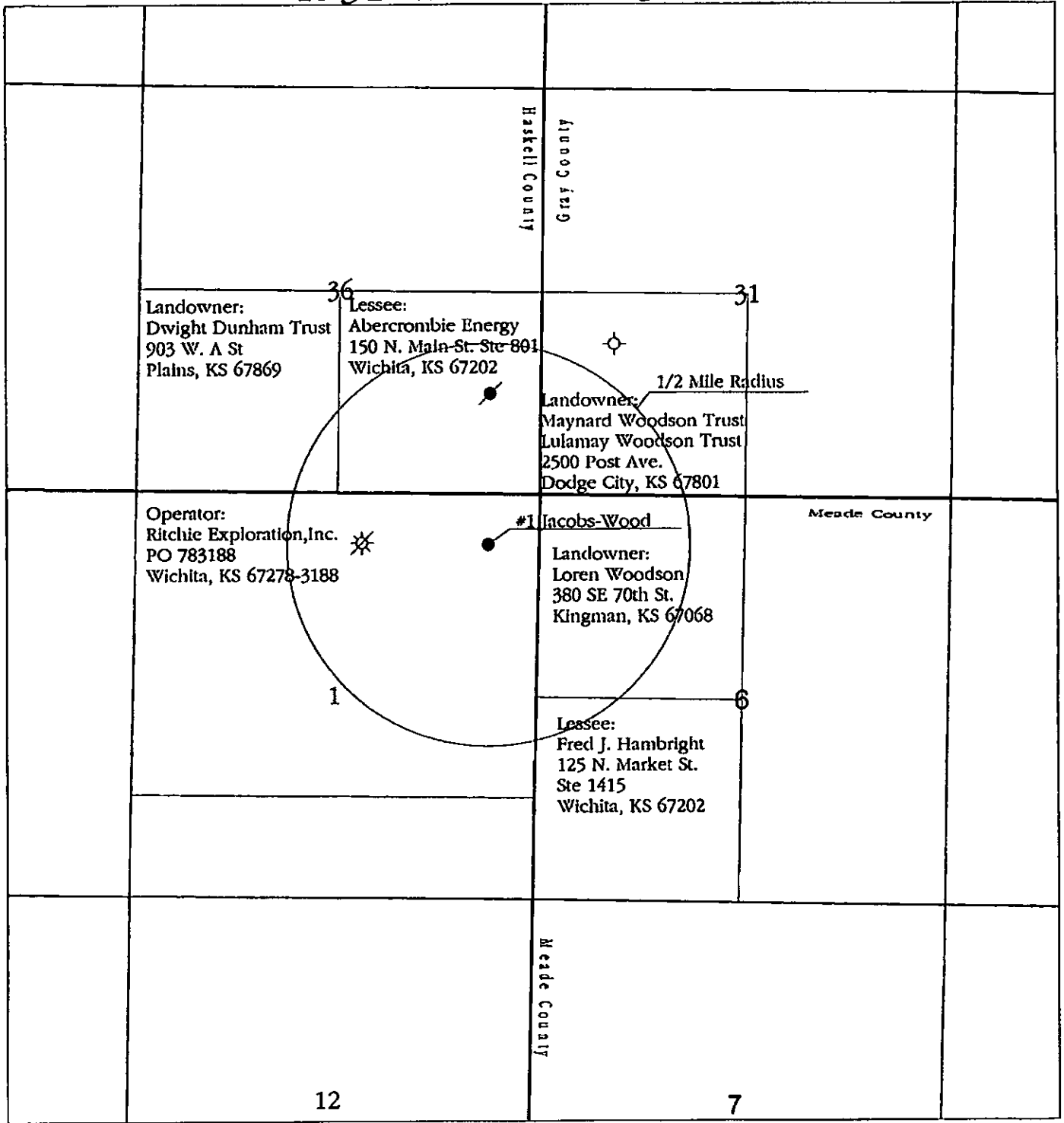
Enclosures

R 31 W

R 30 W


T 29 S

T 30 S



Legend

- Oil Well
- ⦿ Abandoned Oil Well
- ⊗ Abandoned Gas Well
- ⊙ Dry and Abandoned Well



RITCHIE
 EXPLORATION, INC.
 Wichita, Kansas

**Application for
 Commingling of
 Production or Fluids**

Applicant Well: #1 Jacobs-Wood
 All Wells on Offsetting Leases Within 1/2 Mile Radius
 Name and Address of Lessee of Record or Operator

Haskell / Meade County		
Prepared By: Justin Clegg	Scale: 1 : 22,000	Date: January 19, 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 Jacobs-Wood
660' FNL & 660' FEL
Section 1-30S-31W
Haskell Co., KS**

Haskell County, KS Township 29 South, Range 31 West

Sec. 36:	SW/4	Jacqueline & Dwight Dunham Trust Landowner 903 W. A St. Plains, KS 67869	
	SE/4	Abercrombie Engery Lessee 150 N. Main St., Ste 801 Wichita, KS 67202	

Township 30 South, Range 31 West

Sec. 1:	N/2; N/2S/2	Ritchie Exploration, Inc.	Operator: #1 Jacobs-Wood
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Meade County, KS Township 30 South, Range 30 West

Sec. 6:	NW/4	Loren Woodson Landowner 380 SE 70 th St. Kingman, KS 67068	
	SW/4	J. Fred Hambright Lessee 125 N. Market St., Ste 1415 Wichita, KS 67202	

Gray County, KS Township 29 South, Range 30 West

**Sec. 31:	SW/4	Maynard Woodson Trust Landowner Lulamay Woodson Trust 2500 Post Ave. Dodge City, KS 67801	
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****Register of Deeds was unable to research if there is a current oil and gas lease on acreage, therefore the landowner's names are listed.**

AFFIDAVIT

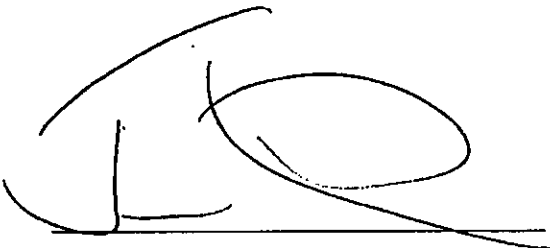
STATE OF KANSAS)
 - SS.
County of Sedgwick)

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 Jacobs-Wood #1 well located in the County of Haskell (see attached plat map). This notice included a letter and a copy of the Commingle Application (ACO-4). All notices were mailed on January 27, 2012.

made as aforesaid on the 23rd of


February A.D. 2012

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



Subscribed and sworn to before me this

23rd day of February 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 30th of

January 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

30th day of January, 2012

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 3/28/2014

Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$91.60

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
JANUARY 30, 2012 (3168858)
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 Morrow Sand and Mississippian Chester sources of supply for the #1, Jacobs Wood well, located approx. NE-NE of Section 1-305-31W, Haskell 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 conservation 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.
101451 001 P.O. Box 72169
Wichita, KS 67277-0169
(316) 491-4500

Proof of Publication

STATE OF KANSAS
COUNTY OF HASKELL SS.

Rolf Jungklas

being first duly sworn, deposes and says that he/she is editor of THE HASKELL COUNTY MONITOR-CHIEF, a weekly newspaper printed in the State of Kansas and published in and of general circulation in Haskell County, Kansas, with a general paid circulation on a weekly basis in Haskell County, Kansas and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly, published at least weekly 50 times a year; 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 of Sublette in said county as second class matter.

That the attached notice is a true copy thereof, and was published in the regular and entire issue of said newspaper for 1 consecutive week(s). The first publication thereof being made as aforesaid on the

1 day of Feb, 20 12.

with subsequent publications being made on the following dates:

- _____ 20 _____
- _____ 20 _____
- _____ 20 _____
- _____ 20 _____
- _____ 20 _____

(Sign) Rolf Jungklas
Witness my hand this 1 day of Feb, 20 12

Kelly C Anderson
(Notary Public)

My commission expires 2-7-2014
Publication fee \$ 37.50
Affidavit _____
Notary's Fee \$ _____
Additional Copies \$ _____
Total Fee \$ 37.50

(Seal) KELLY C ANDERSON
Notary Public - State of Kansas
My Commission Expires 2/7/2014

(Published in the Haskell County Monitor on Wednesday, February 1, 2012)

LEGAL NOTICE

You, and each of you, are hereby notified that Ritchie Exploration, Inc. has filed an application to commence the continuing production from the Morrow Sand and Mississippi Chester source of supply for the #11306-Wood well located upon NE 1/4 of Section 11-30S-31W, Haskell County, Kansas.

Any person who objects to or protests 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.

RICHBEXPLORATION, INC.
P.O. Box 783188
Wichita, KS 67278-3183
(316) 691-9900

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

March 9, 2012

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

RE: Approved Commingling CO021205
Jacobs-Wood #1 Sec.1-T30S-R31W, Haskell County
API No. 15-081-21887-00-00

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 February 23, 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	
Morrow Sand	1.43	0	0.70	5252-5261
Mississippian Chester	0.61	0	2.82	5261-5264
Total Estimated Current Production	2.04	0.0	3.52	

Based upon the depth of the Mississippian Chester 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 CO021205 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