

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
July 2006

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

Commingling ID # CO 100905

Operator Information:

License #: 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water
City/State/Zip: Wichita, KS 67202
Contact Person: Leon Rodak
Phone #: 316-267-3241

Well Information:

API #: 15 - 193-20754-00-00
Lease Name: Frahm Well #: 1-21
Spot: S2 - NW - NW - SE Sec. 21 Twp. 10 S. R. 34 East
County: Thomas West
Feet from North / South Line of Section: 2030
Feet from East / West Line of Section: 2310

1. Name and upper and lower limit of each production interval to be commingled:

Formation: LKC (Perfs): 4300-06, 4334-44, 4363-67, 4381-91
Formation: Jns Zn (Perfs): 4690-98, 4715-23
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:

Formation: LKC BOPD: 25 MCFPD: _____ BWPD: 10
Formation: Jns Zn BOPD: 34 MCFPD: _____ 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.
- 6. Complete Form ACO-1 (Well Completion form) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

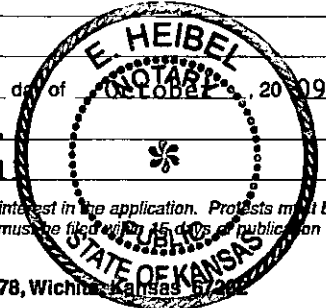
- _____ 5. Well construction diagram of subject well.
- _____ 6. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

State of Kansas)
)
County of Sedgwick)

ss:

VERIFICATION: I 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: Kenneth Dean
Printed Name: Kenneth Dean
Title: Production Geologist
Subscribed & sworn to before me this 21 day of OCTOBER, 2009
Notary Public: [Signature]
My Commission Expires: 04/11/2011



RECEIVED
OCT 23 2009
KCC WICHITA

KCC Office Use Only
 Denied Approved
KCC Date Received: _____ 15-Day Periods Ends: 11/5/2009
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.



Mark Parkinson, Governor
 Thomas E. Wright, Chairman
 Michael C. Moffet, Commissioner
 Joseph F. Harkins, Commissioner

November 5, 2009

Leon Rodak
 Murfin Drilling Company, Inc.
 250 N. Water
 Wichita, KS 67202

RE: Approved Commingling CO100905
 Frahm 1-21, Sec. 21-T10S-R34W, Thomas County
 API No. 15-193-20754-00-00

Dear Mr. Rodak:

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 October 23, 2009 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	
LKC	25	0	10	4300-06, 4334-44, 4363-67, 4381-91
Johnson Zone	34	0	0	4690-98, 4715-23
Total Estimated Current Production	59	0	10	

Based upon the depth of the Johnson Zone formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Docket Number CO100905 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

Affidavit of Notice Served

Re: Application for: Commingling of Production
Well Name: L R Frahm #1-21 Legal Location: S2 NW NW SE Sec. 21-10S-34W, Thomas Co.

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 21 of October, 2009, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

Name _____ Address (Attach additional sheets if necessary) _____

SEE ATTACHED

RECEIVED
OCT 23 2009
KCC WICHITA

I further attest that notice of the filing of this application was published in the COLBY FREE PRESS, the official county publication of Thomas county. A copy of the affidavit of this publication is attached.

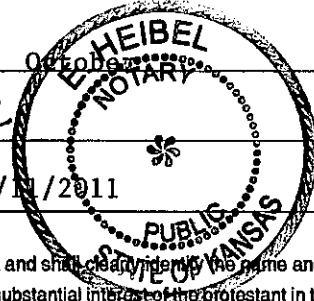
Signed this 21 day of October, 2009

Kenneth J. Dem
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 21 day of October, 2009

[Signature]
Notary Public

My Commission Expires: 04/11/2011



Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 15 days of the publication notice of the application.

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:	Legal Description of Leasehold:
Murfin Drilling Co., Inc.	Sec. 21-10S-34W
250 N. Water, Suite 300	
Wichita, KS 67202	
Thomas & Nancy Schertz	NW/4 Sec. 21-10S-34W
1403 County Rd A	
Winona, KS 67764	
John & Jayne James	S/2 Sec. 22-10S-34W
804 Central Avenue	RECEIVED
Nebraska City, NE 68410	OCT 23 2009
Larry & Berna Towns	NE/4 Sec. 27-10S-34W
391 County Rd 15	KCC WICHITA
Colby, KS 67701	

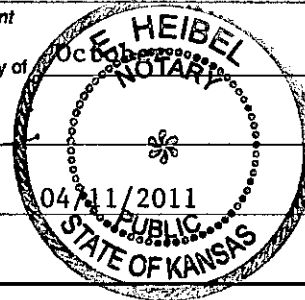
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Kenneth Deem
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 21 day of October, 2009

[Signature]
Notary Public

My Commission Expires: _____

**Instructions:**

1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
2. Attach some type of log (*drillers log, electric log, etc.*).
3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (*Cement ticket and job log, bond log, etc.*)
4. Attach Affidavit of Notice.
5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. **No injection well may be used without prior written authorization.**
9. All application fees must accompany the application.

AFFIDAVIT OF PUBLICATION
State of Kansas, Thomas County, ss:

Jasmine Stewart being first duly sworn, deposes and says:

that he/she is the Advertising Manager of

THE COLBY FREE PRESS

a daily newspaper printed in the state of Kansas, and published in and of general circulation in Thomas County, Kansas, with a general paid circulation on a yearly basis in Thomas County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is published at least 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 Colby, Kansas, 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)/day(s), the first publication thereof being made as aforesaid on the 14TH day of OCTOBER, 20 09, with subsequent publications being made on the following dates:

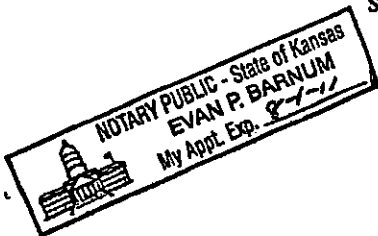
1 20 1 20
..... 20 20
..... 20 20

Jasmine Stewart

Subscribed and sworn to before me this 14TH day of

OCTOBER, 20 09

[Signature]
Notary Public



My commission expires AUGUST 1, 20 11

Publication Fee \$ 44.43

Additional copies \$

TO BEFORE THE
STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
REG. 18-00133 RC
NOTICE OF FILING APPLICATION

RE: Murfin Drilling Co., Inc. Application for Commingling of Production on the L R Frahm #1-21, located in Thomas County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whom ever concerned.

You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed an application for Commingling of Production from the Lansing/Kansas City and the Johnson Zone at the L R Frahm #1-21 well located in the S2 NW NW SE of Sec. 21-16S-34W, Thomas Co, KS.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this notice. These protests shall be pursuant to Department 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.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202
316-267-3324

Published in the Colby Free Press on Wednesday, October 14, 2009

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OCT 23 2009
KCC WICHITA

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposes 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 - weeks, that the first publication of said notice was

made as aforesaid on the 31st of

July A.D. 2009 , 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

31st day of July, 2009

 LINDA D. TOON
Notary Public - State of Kansas
My Appt. Expires 3-13-2013

Linda D. Toon

Notary Public Sedgwick County, Kansas

Printer's Fee : \$84.00

LEGAL PUBLICATION

Published in The Wichita Eagle
July 31, 2009
(2969396)

**BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING
APPLICATION**

RE: Murfin Drilling Co., Inc.-
Application for a Commingling of
Production on the L R Frahm #1-21,
located in Thomas County, Kansas.

TO: All Oil and Gas Producers, Unleased
Mineral Interest Owners, Landowners,
and all persons whomsoever concerned.

You, and each of you, are hereby
notified that Murfin Drilling Company,
Inc. has filed an application, for
commingling of Production from the
Lansing/Kansas City and the Johnson
Zone at the L R Frahm #1-21 well
located in the S2 NW NW SE of Sect. 21-
10S-34W, Thomas co., KS.

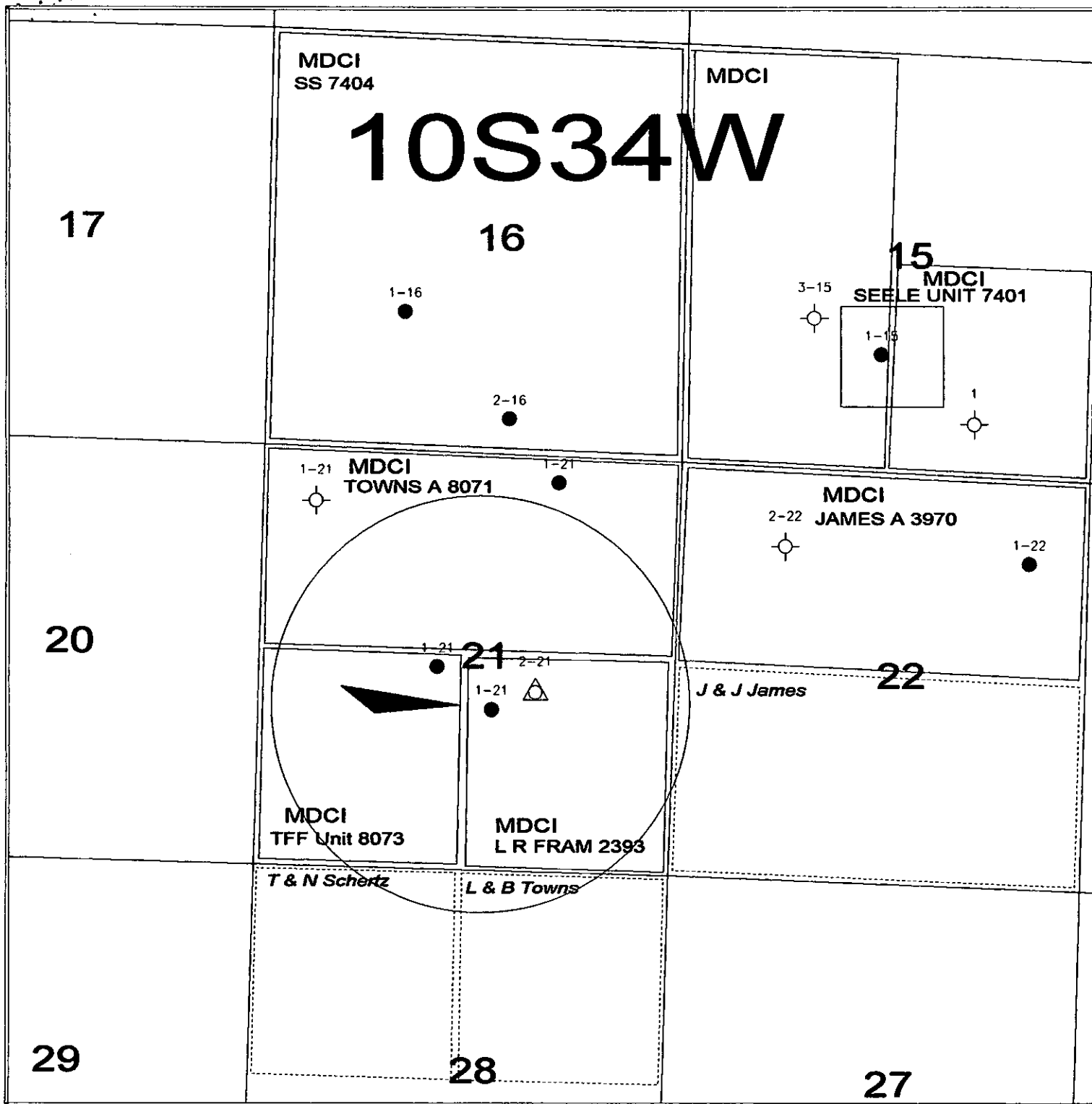
Any persons who object to or protest
this application shall be required to file
their objections or protest with the
Conservation Division of the State
Corporation Commission of the State of
Kansas within fifteen (15) days from the
date of this publication. These protests
shall be pursuant to Commission
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.

All persons interested or concerned shall
take notice of the foregoing and shall
govern themselves accordingly.
Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202
316-267-3241

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OCT 23 2009

KCC WICHITA



LEGEND

- ⊕ DRY HOLE
- OIL WELL
- △ INJECTION WELL
- PLUGGED OIL WELL

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 OCT 23 2009
 KCC WICHITA

Murfin Drilling Company, Inc.		
LR FRAHM #1-21 Commingling APP. SEC 21-10S-34W, Thomas Co., KS		
Ken Dean		10/2/2009
	Scale 1:21120.	