



KANSAS CORPORATION COMMISSION 1087418  
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 #* **CO081219**

OPERATOR: License # 30606 API No. 15 - 15-141-20439-00-00  
 Name: Murfin Drilling Co., Inc. Spot Description: NW SE NW NE  
 Address 1: 250 N WATER STE 300 NW SE NW NE Sec. 1 Twp. 8 S. R. 15  East  West  
 Address 2: \_\_\_\_\_  
 City: WICHITA State: KS Zip: 67202 + 1216 840 Feet from  North /  South Line of Section  
 Contact Person: Kenneth Dean 1100 Feet from  East /  West Line of Section  
 Phone: (316) 267-3241 County: Osborne  
 Lease Name: Peterson Well #: 1-1

1. Name and upper and lower limit of each production interval to be commingled:  
 Formation: Topeka (Perfs): 2779-2785  
 Formation: LKC (Perfs): 3039-3100  
 Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
 Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
 Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
 Formation: Topeka BOPD: 4 MCFPD: 0 BWPD: 18.5  
 Formation: LKC BOPD: 6 MCFPD: 0 BWPD: 14.5  
 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

<b>KCC Office Use Only</b>	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>9/6/2012</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>09/06/2012</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.*

**Affidavit of Notice Served**

Re: Application for: ACO-4 Application for Commingling of Production or Fluids

Well Name: Peterson #1-1 Legal Location: NW SW NE NE Sec. 1-8S-15W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 22nd of August, 2012, 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)
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I further attest that notice of the filing of this application was published in the Osborne County Farmer, the official county publication of Osborne county. A copy of the affidavit of this publication is attached.

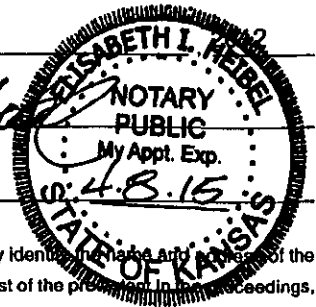
Signed this 22nd day of August, 2012

Applicant of Duty Authorized Agent

Subscribed and sworn to before me this 22nd day of August

Notary Public

My Commission Expires: 4-8-15



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:

Murfin Drilling Co., Inc.

250 N. Water, Suite 300

Wichita, KS 67202

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Legal Description of Leasehold:

SW/4 Sec. 31-7S-14S, S/2 Sec. 36-7S-15W,

N/2 and SW/4 of Sec. 6-8S-14W

Sec. 1-8S-15W all in Osborne Co., KS

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

*Kevin M. Deane*

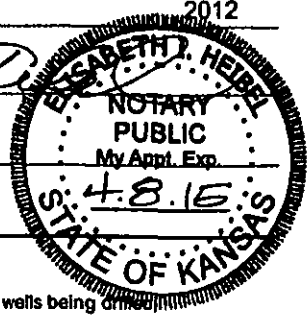
Applicant or Duty Authorized Agent

Subscribed and sworn before me this 22nd day of August 2012

*Elizabeth J. Heibel*

Notary Public

My Commission Expires: 4.8.15



**Instructions:**

1. Fully complete application, including page 4 (plat map) showing subject well and all known oil, gas and input wells, including wells being or once active, 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.*

STATE OF KANSAS  
Osborne  
COUNTY SS.

# Affidavit of Publication

Jack Krier, being first duly sworn, deposes and says: That he is publisher of then Osborne County Farmer, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Osborne County, Kansas, with a general paid circulation on a weekly basis in Osborne County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly published one day a week and has been 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 Osborne, 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,

the first publication thereof being made as aforesaid on

the 26 day of July, 2012,

with subsequent publications being made on the following dates:

\_\_\_\_\_, 20\_\_\_\_, \_\_\_\_\_, 20\_\_\_\_


\_\_\_\_\_, 20\_\_\_\_, \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_, 20\_\_\_\_, \_\_\_\_\_, 20\_\_\_\_

Signed: Jack Krier

Subscribed and sworn to before me this 26

day of July, 2012.

 **JEANINE HEIER**  
Notary Public - State of Kansas  
My Appl. Expires \_\_\_\_\_  
Jeanine Heier  
Notary Public's Signature

My commission expires: 3-25-13

Publication Fee \$ 32.30

Affidavit, Notary's Fee \$ 50

Additional copies @ \$ \_\_\_\_\_

Total Publication Fee \$ 32.80

(Published Thursday, July 26, 2012 in the Osborne County Farmer)  
BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS  
NOTICE OF FILING APPLICATION  
RE: Murfin Drilling Co., Inc. Application for Commingling of Production on the Peterson #1-17 located in Osborne County, Kansas.  
TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whomever concerned.  
You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed an application for Commingling of Production from the Topeka and the LKC at the Peterson #1-17 well located in the NW SW NE NE of Sec. 1-8S-15W, Osborne 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  
Wichita, KS 67202  
316-267-3241  
(7-C39-26)  
300

**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 - weeks, that the first publication of said notice was

made as aforesaid on the 23rd of

July 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.

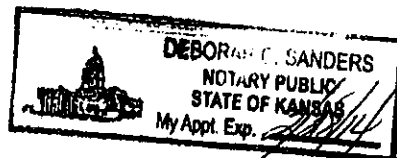
*Mark Fletchall*

Subscribed and sworn to before me this

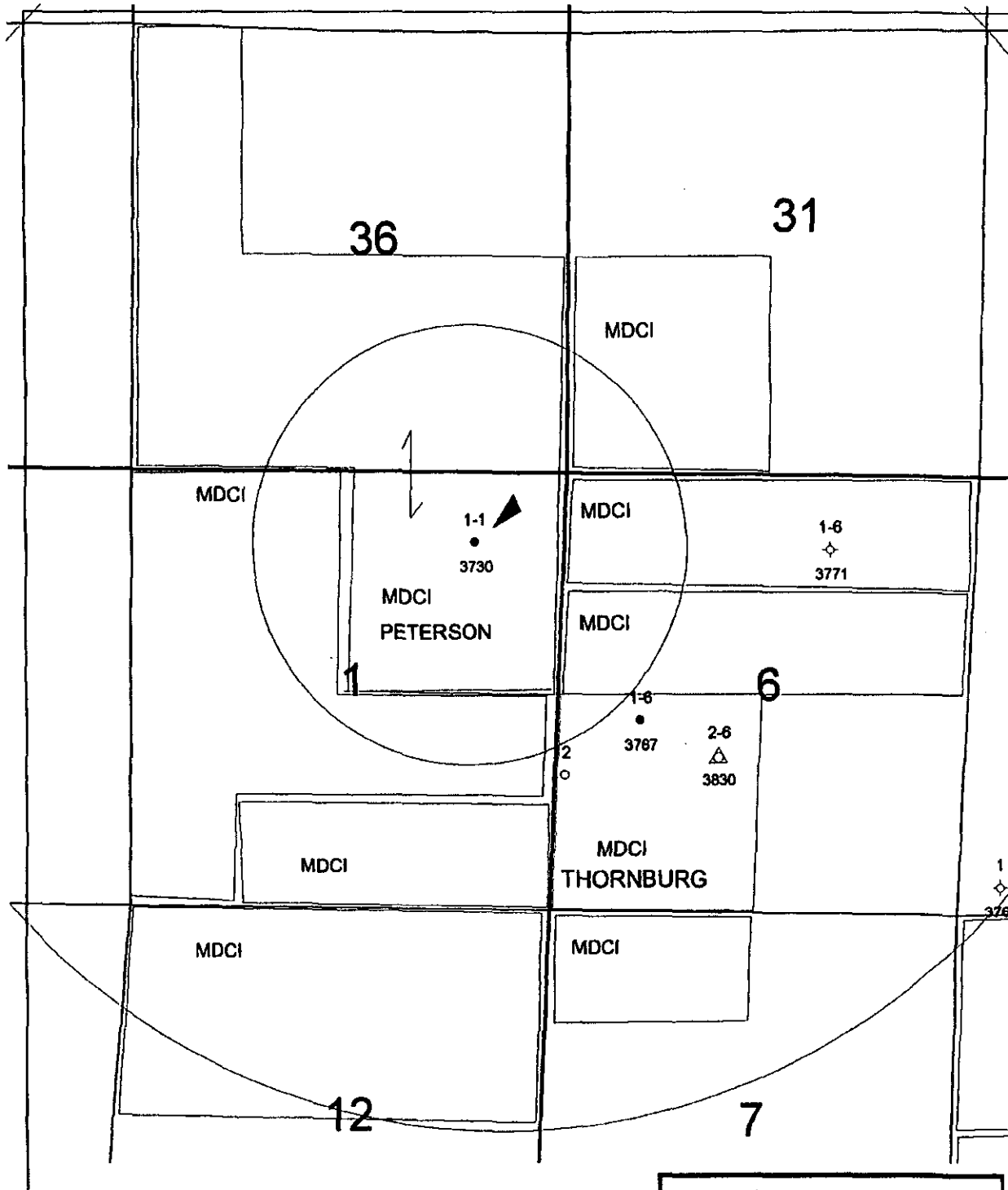
23rd day of July, 2012

*Deborah C. Sanders*  
Notary Public Sedgwick County, Kansas

Printers Fee: \$98.80



**LEGAL PUBLICATION**  
PUBLISHED IN THE WICHITA EAGLE  
JULY 23, 2012 (3197516)  
BEFORE THE STATE  
CORPORATION COMMISSION  
OF THE STATE OF KANSAS  
**NOTICE OF FILING APPLICATION**  
RE: Murtin Drilling Co., Inc. Application  
for Commingling of Production on the  
Peterson #1-1, located in Osborne 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 Murtin Drilling Company, Inc. has filed  
an application for Commingling of Production  
from the Topeka and the LKC of the Peterson  
#1-1 well located in the NW SW NE NE of Sec.  
1-8S-15W; Osborne 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.  
Murtin Drilling Company, Inc.  
250 N. Water, Suite 300  
Wichita, KS 67202  
316-267-3241



7-8S / 14-15W



PETERSON #1-1  
 Commingling App.  
 Sec. 1-8S-15W, Osborne Co., KS

Author	PD	Horizontal Scale
Date	16 July 2012	Contour Interval

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  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 6, 2012

Kenneth Dean  
Murfin Drilling Co., Inc.  
250 N Water, Ste 300  
Wichita, KS 67202-1216

RE: Approved Commingling CO081219  
Peterson #1 Sec.1-T8S-R15W, Osborne County  
API No. 15-141-20439-00-00

Dear Mr. Dean:

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 August 22, 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	
Topeka	4.0	0.0	18.5	2779-2785
LKC	6.0	0.0	14.5	3039-3100
Total Estimated Current Production	10.0	0.0	33.0	

Based upon the depth of the LKC formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Commingling ID number CO081219 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