

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 # CO111103

OPERATOR: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address 1: 250 N. Water  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67202 + \_\_\_\_\_  
Contact Person: Kenneth Dean  
Phone: (316) 267-3241

API No. 15 - 063-21915 00-00  
Spot Description: \_\_\_\_\_  
N2 SE NE SE Sec. 36 Twp. 14 S. R. 30  East  West  
1800 Feet from  North /  South Line of Section  
330 Feet from  East /  West Line of Section  
County: Gove  
Lease Name: Lundgren Well #: 1-36

1. Name and upper and lower limit of each production interval to be commingled:  
Formation: Myrick Station (Perfs): 4212-4217  
Formation: Mississippian (Perfs): 4353-4359  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

2. Estimated amount of fluid production to be commingled from each interval:  
Formation: Myrick Station BOPD: 65 MCFPD: \_\_\_\_\_ BWPD: 7  
Formation: Mississippian BOPD: 35 MCFPD: \_\_\_\_\_ BWPD: 4  
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.

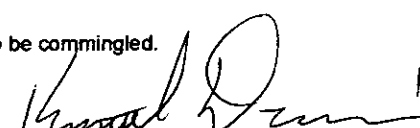
For Commingling of PRODUCTION ONLY, include the following:

- 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.

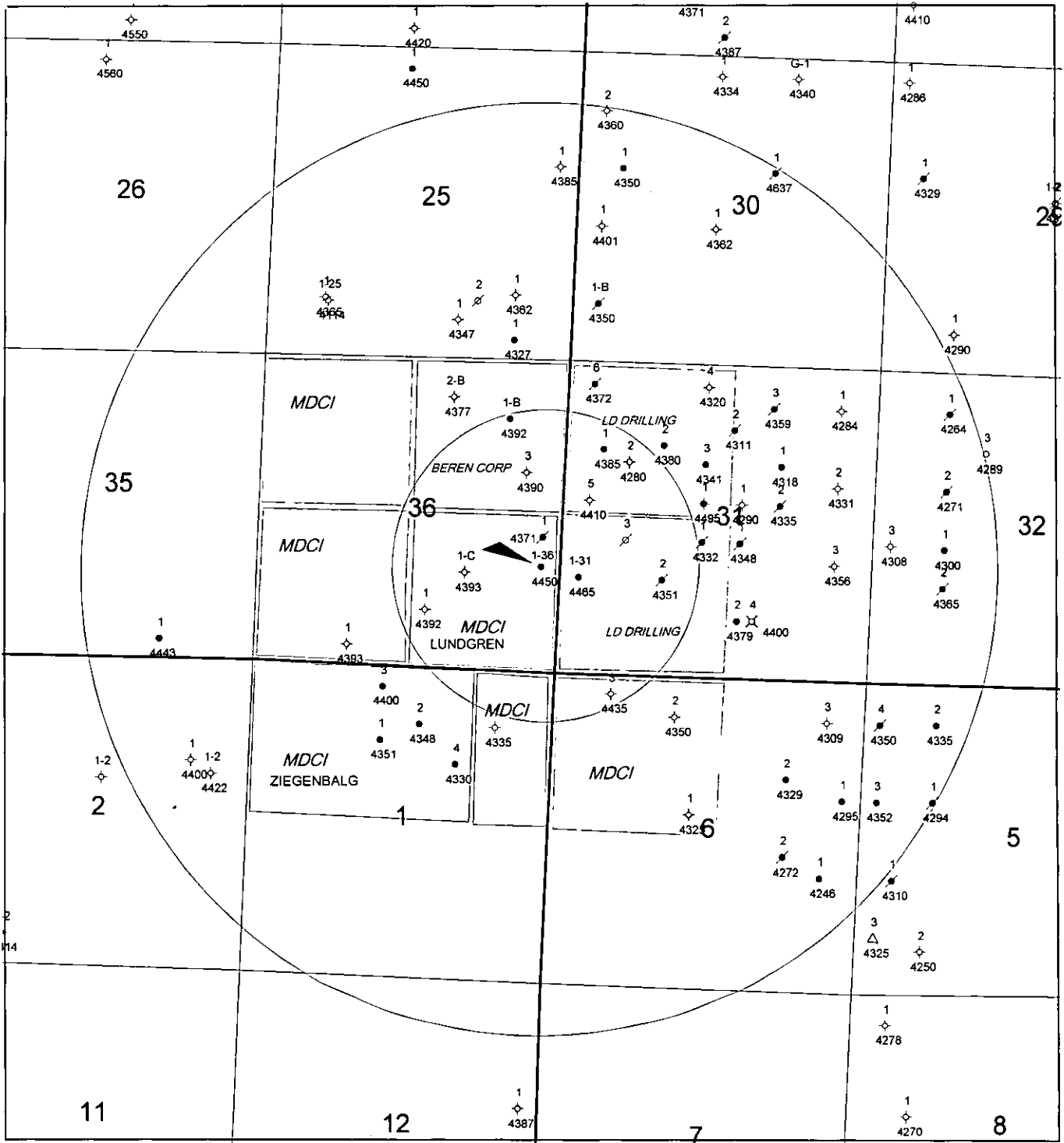
AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Signature:   
Printed Name: Kenneth Dean  
Title: Production Geologist


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**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: 11/24/2011  
Approved By:  Date: 11-28-11

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.



T14-15S / R29-30W

  
**LUNDGREN #1-36 Commingling App.**  
 Sec. 36-14S-30W, Gove Co.

---

Author: \_\_\_\_\_ Horizontal Scale: \_\_\_\_\_  
 Date: 8 November, 2011 Contour Interval: \_\_\_\_\_

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**Affidavit of Notice Served**

Re: Application for: ACO-4 Application for Commingling of Production or Fluids  
Well Name: Lundgren #1-36 Legal Location: N2 SE NE SE Sec. 36-14S-30W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 9th of November, 2011, 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)

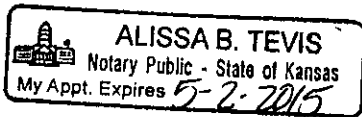


I further attest that notice of the filing of this application was published in the Gove County Advocate, the official county publication of Gove county. A copy of the affidavit of this publication is attached.

Signed this 9th day of November, 2011

[Signature]  
Applicant of Duly Authorized Agent

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Subscribed and sworn to before me this 9th day of November, 2011

[Signature]  
Notary Public

My Commission Expires: 5-2-2015

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.

SE/4 and W/2 Sec. 36-14S-30W and

250 N. Water, Suite 300

N/2 Sec. 1-15S-30W

Wichita, KS 67202

L D Drilling

W/2 Sec. 31-14S-29W

7 SW 26th Ave

Great Bend, KS 67530

Beren Corporation

NE/4 Sec. 36-14S-30W

2020 N Bramblewood

Wichita, KS 67206

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

\_\_\_\_\_  
Applicant or Duly Authorized Agent

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

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**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.**

**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 19th day  
of October, 2011,  
with subsequent publications being  
made on the following dates:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Printer's Fee .....\$ 20.90  
Additional Copies .....\$ \_\_\_\_\_  
Affidavit Fees .....\$ 2.00  
Total Publication Fees \$ 22.90

Roxanne Broeckelman

Subscribed and sworn to before me  
this 19th day of  
October, 2011

Linda L. Zerr  
Notary Public

My commission expires:  
January 8, 2013

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate,  
Quinter, KS, Wed., October 19, 2011 - 1t)  
**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 Lundgren  
#1-36, located in Gove 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 Myrick Station and the Mississippian at the  
Lundgren #1-36 well located in the N2 SE NE  
SE of Sec. 36-14S-30W, Gove Co., KS.  
Any persons who object to or protest this  
application shall be required to file their objec-  
tions 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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**LINDA L. ZERR**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-8-2013

**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 14th of

October 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

14th day of October, 2011

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 5/28/2014

*Penny L. Case*

Notary Public Sedgwick County, Kansas

Printer's Fee : \$113.20

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
OCTOBER 14, 2011 (3147242)
Gove County Advocate
P O Box 365
Quinter, KS 67752
Phone: (785) 626-3600
Wichita Eagle
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
Lundgren #1-36, located in Gove
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 Myrick Station
and the Mississippian at the Lundgren
#1-36 well located in the N2 SE NE SE of
Sec. 36-14S-30W, Gove 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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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

November 28, 2011

Kenneth Dean  
Murfin Drilling Company, Inc.  
250 N. Water  
Wichita, KS 67202

RE: Approved Commingling CO111103  
Lundgren 1-36, Sec.36-T14S-R30W, Gove County  
API No. 15-063-21915-00-00

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 November 10, 2011 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	
Myrick Station	65	0	7	4212-4217
Mississippian	35	0	4	4353-4359
Total Estimated Current Production	100	0	11	

Based upon the depth of the Mississippian 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 CO111103 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