

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 # CO121102

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 - 101-22300-00-00
Spot Description: N2 N2 NE NE
N2 N2 NE NE Sec. 13 Twp. 18 S. R. 30 East West
150 Feet from North / South Line of Section
660 Feet from East / West Line of Section
County: Lane
Lease Name: Pinkshu Unit Well #: 1-13

1. Name and upper and lower limit of each production interval to be commingled:
Formation: LKC (Perfs): 4268-4273
Formation: Marmaton (Perfs): 4370-4372
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: LKC BOPD: 39.76 MCFPD: _____ BWPD: 105
Formation: Marmaton BOPD: 7 MCFPD: _____ BWPD: 5.39
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.

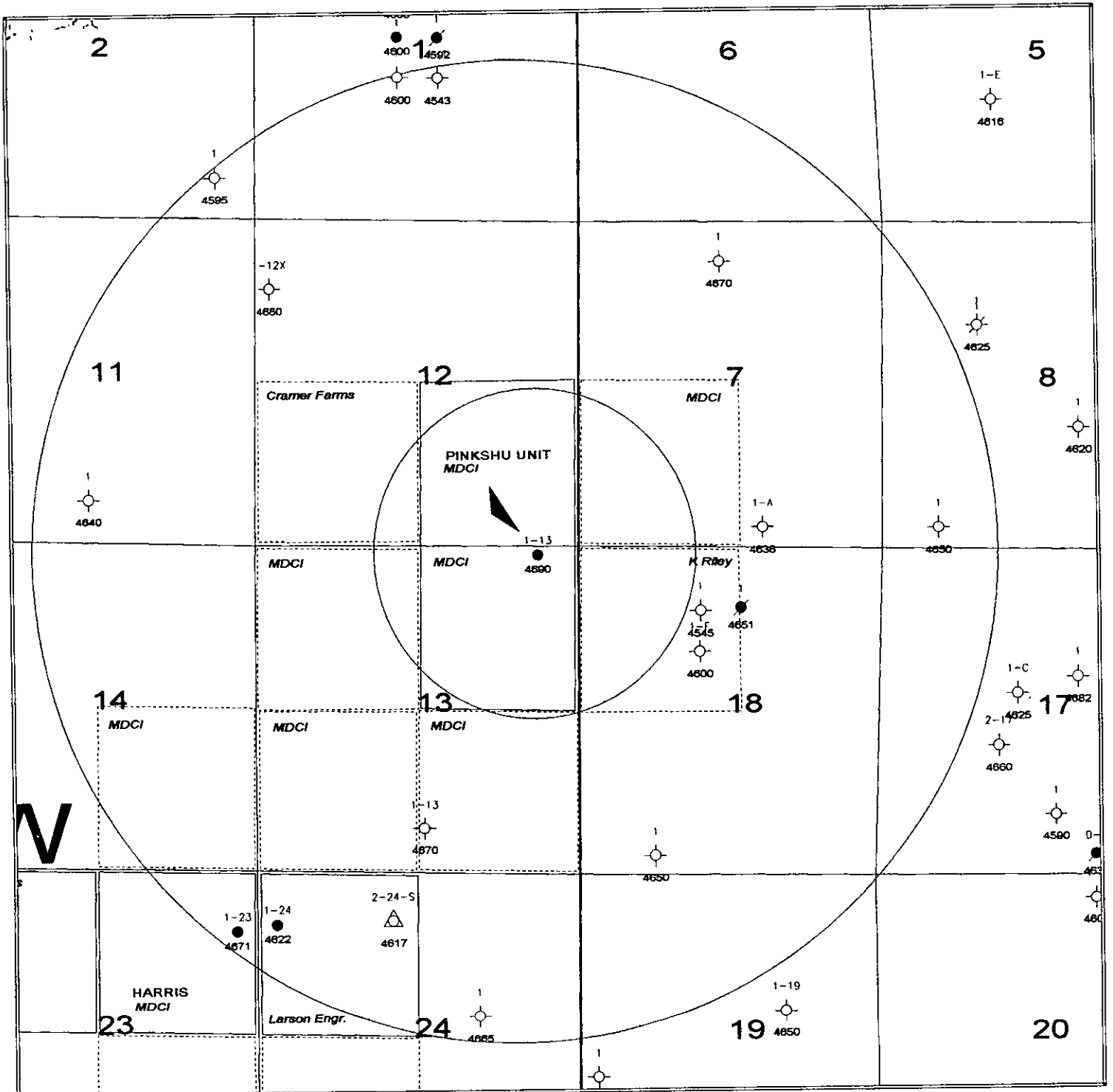
AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Signature: *Kenneth Dean*
Printed Name: Kenneth Dean
Title: Production Geologist

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KCC WICHITA

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: 12-15-2011
Approved By: *[Signature]* Date: 12-15-11

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.



18S / 29-30W

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LEGEND

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

MURFIN DRILLING COMPANY, INC. KCC WICHITA		
Pinkshu Unit #1-13, Commingling App. SEC. 13-18S-30W, LANE CO.		
Ken Dean		11/30/2011
Scale 1:28000.		

Affidavit of Notice Served

Re: Application for: ACO-4 Application for Commingling of Production or Fluids
Well Name: Pinkshu Unit #1-13 Legal Location: N2 N2 NE NE Sec. 13-18S-30W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 30th 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)

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I further attest that notice of the filing of this application was published in the The Dighton Herald, the official county publication of Lane county. A copy of the affidavit of this publication is attached.

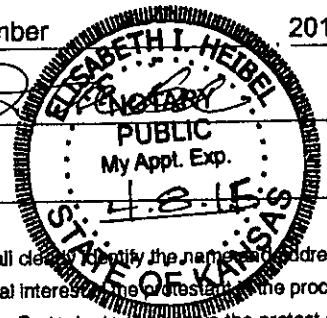
Signed this 30th day of November, 2011

Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 30th day of November, 2011

Notary Public

My Commission Expires: 4.8.11



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.

U-8 page 3 attachment
Offset Operators and Unleased Mineral Owners

Murfin Drilling Company, Inc
Commingling Application
Pinkshu Unit # 1-13
N2 N2 NE NE
Sec. 13-18S-30W
Lane, Co., KS

Name	Leasehold
Murfin Drilling Company, Inc. 250 N Water Wichita, KS 67202	SW/4 Sec.7-18S-29W, SE/4 Sec. 12 and Sec. 13 in 18S-30W
Cramer Farms & Livestock, Inc. 185 N. Eagle Rd. Healey, KS 67850	SW/4 Sec. 12-18S-30W
Keith Riley P O Box 397 Dighton, KS 67839	NW/4 Sec. 18-18S-29W

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AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

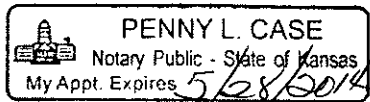
Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper 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 12th of November 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 November, 2011



Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$98.80

LEGAL PUBLICATION
Published in The Wichita Eagle
November 12, 2011 (3153505)
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 Pinkshu Unit #1-13, located in Lane 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 LKC and the Marmaton at the Pinkshu Unit #1-13 well located in the N2 N2 NE NE of Sec. 13-18S-30W, Lane 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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DEC 05 2011
KCC WICHITA

Proof of Publication

State of Kansas,
County of Lane, ss:

Mary Hartman
of lawful age, being duly sworn upon oath states that he/she is the editor of **THE DIGHTON HERALD** THAT said newspaper has been published at least weekly (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 matter at the post office of its publication;

THAT said paper has a general paid circulation on a daily, or weekly, or monthly, or yearly basis in LANE County, Kansas, and is NOT a trade, religious or fraternal publication and has been PRINTED and published in LANE County, Kansas.

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

1st Publication was made on the 23 day of NOV, 2011
2nd Publication was made on the ___ day of _____, 20___
3rd Publication was made on the ___ day of _____, 20___
4th Publication was made on the ___ day of _____, 20___
5th Publication was made on the ___ day of _____, 20___
6th Publication was made on the ___ day of _____, 20___

Publication fee \$ 52.20
Affidavit, Notary's Fees \$ _____
Additional Copies ___ @ ___ \$ _____
Total Publication Fee \$ 52.20

(Signed) Mary Hartman
Witness my hand this 23 day of NOV, 2011

SUBSCRIBED and SWORN to before me this 23
day of NOV, 2011.

Kelly C Anderson
(Notary Public)

My commission expires 2-7-2014

(First published in The Dighton Herald, Wednesday, November 23, 2011)
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 Pinkshu Unit #1-13 located in Lane 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 LKC and the Marmaton at the Pinkshu Unit #1-13 well located in the N2 N2 NE NE of Sec. 13-18S-30W Lane 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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KCC WICHITA

KELLY C. ANDERSON
Notary Public - State of Kansas
My Appt. Expires February 7, 2014

Conservation Division
Finney State Office Building
130 S. Market, Rm. 207B
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

December 15, 2011

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

RE: Approved Commingling CO121102
Pinkshu Unit 1-13, Sec.13-T18S-R30W, Lane County
API No. 15-101-22300-00-00

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 December 5, 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	
LKC	39.76	0	105	4268-4273
Marmaton	7	0	5.39	4370-4372
Total Estimated Current Production	46.76	0	110.39	

Based upon the depth of the Marmaton 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 CO121102 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