

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 # CO050904

Operator Information:

License #: 30806
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water
City/State/Zip: Wichita, KS 67202
Contact Person: Ken Dean
Phone #: 316-267-3241

Well Information:

API #: 15-179-21198-00-00
Lease Name: Alwhit Well #: 1-21
Spot: W2 - NE - NE - NW Sec. 21 Twp. 9 S. R. 27 East West
County: Sheridan
Feet from North / South Line of Section: 330
Feet from East / West Line of Section: 2100

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

Formation: <u>Toronto</u>	(Perfs): <u>3852-3858</u>
Formation: <u>LKC</u>	(Perfs): <u>3867-4051 OA</u>
Formation: <u>Cherokee</u>	(Perfs): <u>4368-4375</u>
Formation: _____	(Perfs): _____
Formation: _____	(Perfs): _____

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

Formation: <u>Toronto</u>	BOPD: <u>38</u>	MCFPD: _____	BWPD: <u>6</u>
Formation: <u>LKC</u>	BOPD: <u>85</u>	MCFPD: _____	BWPD: <u>22</u>
Formation: <u>Cherokee</u>	BOPD: <u>2</u>	MCFPD: _____	BWPD: <u>16</u>
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: Ken Dean
Printed Name: Ken Dean
Title: Production Geologist
Subscribed & sworn to before me this _____ day of _____, 2009
Notary Public: _____
My Commission Expires: 4/1/2011

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 with the Commission within 10 days of the notice of application.

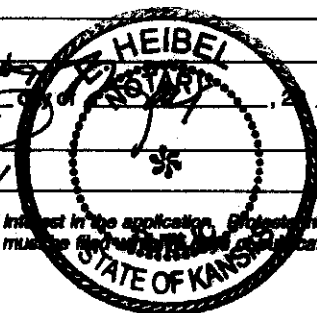
RECEIVED
MAY 29 2009
KCC WICHITA

KCC Office Use Only

Denied Approved

KCC Date Received: _____ 15-Day Periods Ends: 6/12/09

Approved By: _____ Date: _____



KANSAS

CORPORATION COMMISSION

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

June 12, 2009

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

RE: Approved Commingling CO050904
Alwhit #1-21, Sec. 21-T9S-R27W, Sheridan County
API No. 15-179-21198-00-00

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 May 29, 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	
Toronto	38	0	6	3852-3858
LKC	85	0	22	3867-4051 OA
Cherokee	2	0	16	4368-4375
Total Estimated Current Production	125	0	44	

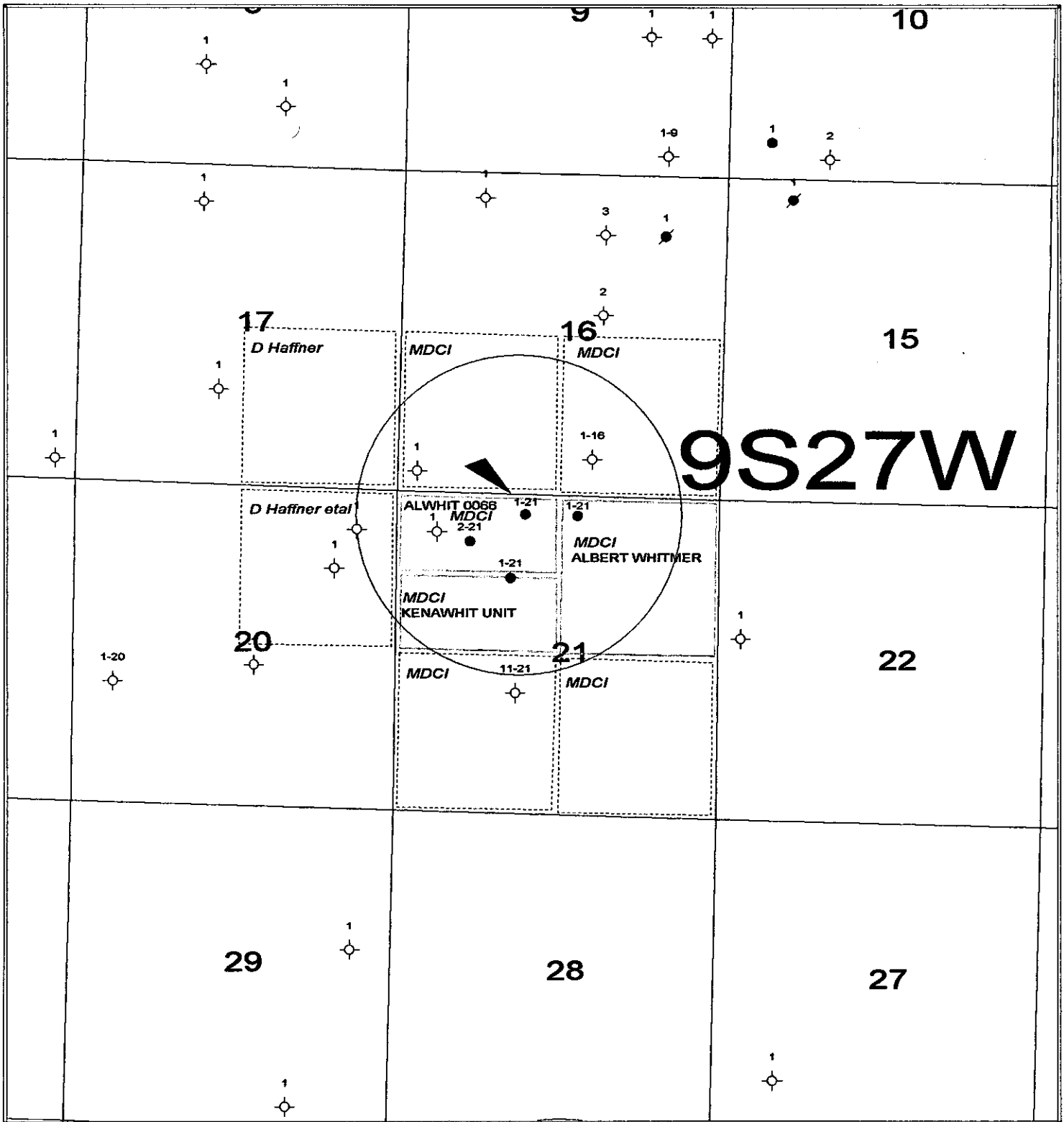
Based upon the depth of the Cherokee formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Docket Number CO050904 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



LEGEND

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

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MAY 29 2009
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Murfin Drilling Company, Inc.		
ALWHIT 1-21 COMMINGLING APP SEC. 21, T9S R27W, SHERIDAN CO., KS		
Ken Dean		5/1/2009
	Scale 1:27000.	ALWHIT

Affidavit of Notice Served

Re: Application for: Commingling of Production or Fluids

Well Name: Alwhit #1-21 Legal Location: W2 NE NE NW Sec. 21-9S-27W, Sheridan Co.

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 28 of May, 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)

RECEIVED
MAY 29 2009
KCC WICHITA

I further attest that notice of the filing of this application was published in the Hoxie Sentinel, the official county publication of Sheridan county. A copy of the affidavit of this publication is attached.

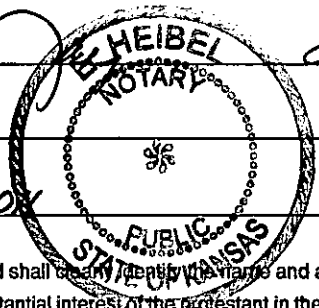
Signed this 28 day of May, 2009

Kenneth Dean
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 28 day of May, 2009

[Signature]
Notary Public

My Commission Expires: 1/11/2011



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.

S/2 Sec. 16, Sec. 21 in T9S-R27W

250 N. Water, Suite 300

Wichita, KS 67202

Dan Hafner

SE/4 of Sec. 17 and NE/4 of Sec. 20 in T9S-R27W

Rt. 2 Box 49

Hoxie, KS 67740

Wells Fargo Bank, Trustee of Myra Fox Skelton Foundation

NE/4 Sec. 20-9S-27W

PO Box 5383

Denver, CO 80217

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

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MAY 29 2009
KCC WICHITA

Handwritten signature of Applicant or Duty Authorized Agent

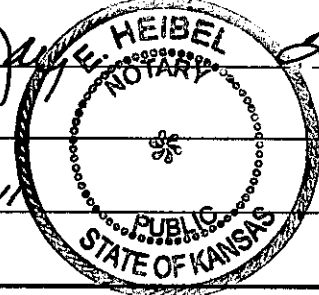
Applicant or Duty Authorized Agent

Subscribed and sworn before me this *27* day of *July*

Handwritten signature of Notary Public

Notary Public

My Commission Expires: *4/1/2011*



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.**

Proof of Pub

State of Kansas,
County of Sheridan, ss:

Sandra Ball

of lawful age, being duly sworn upon oath states that he/she is the editor of **THE HOXIE SENTINEL**

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 SHERIDAN County, Kansas, and is NOT a trade, religious or fraternal publication and has been PRINTED and published in SHERIDAN County, Kansas.

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

- 1st Publication was made on the 5 day of March, 2009
- 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	\$ <u>46.08</u>
Affidavit, Notary's Fees	\$ _____
Additional Copies @ _____	\$ _____
Total Publication Fee	\$ <u>46.08</u>

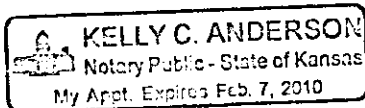
(Signed) Sandra Ball

Witness my hand this 5 day of March, 2009.

SUBSCRIBED and SWORN to before me this 5 day of March, 2009

Kelly C Anderson
(Notary Public)

My commission expires 2-7-2010



(First published in *The Hoxie Sentinel*, Thursday, March 5, 2009)

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 Alwhit #1-21, located in Sheridan 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 Toronto, Lansing/Kansas City and the Cherokee at the Alwhit #1-21 well located in the W/2 NE NE NW of Sec. 21-9S-27W, Sheridan 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

(Last published in *The Hoxie Sentinel*, Thursday, March 5, 2009)

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AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

RECEIVED

MAY 29 2009

KCC WICHITA

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 13th of

May 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

13th day of May, 2009



Linda D. Toon
Notary Public Sedgwick County, Kansas

Printer's Fee : \$74.00

LEGAL PUBLICATION

Published in The Wichita Eagle
May 13, 2009 (2948210)
BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
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Murfin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202, 316-267-3241