

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-4  
Form must be typed  
September 2005

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

Commingling ID # CO070602

Operator Information:

License #: 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202  
Contact Person: Susan Sears  
Phone #: 316-267-3241

Well Information:

API #: 15 - 185-23189-0000  
Lease Name: Drach Unit B Well #: 1-1  
Spot: SW - SW - SW Sec. 1 Twp. 22 S. R. 13  East  
County: Stafford  West  
Feet from  North /  South Line of Section: 330  
Feet from  East /  West Line of Section: 150

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

Formation: Arbuckle (Perfs): 3700-3708  
Formation: Lansing Kansas City (Perfs): 3493-3537  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_  
Formation: \_\_\_\_\_ (Perfs): \_\_\_\_\_

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

Formation: Arbuckle BOPD: 36 MCFPD: \_\_\_\_\_ BWPD: 18  
Formation: Lansing Kansas City BOPD: 60 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 as required in K.A.R. 82-3-135a(b).

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.

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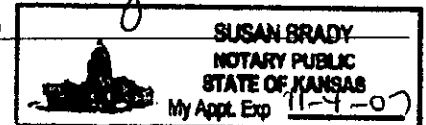
State of Kansas )  
 )  
County of Sedgwick )

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: Susan M. Sears  
Printed Name: Susan Sears  
Title: Operations Engineer  
Subscribed & sworn to before me this 13th day of July, 20 06  
Notary Public: Susan Brady  
My Commission Expires: 11-4-07

**KCC Office Use Only**  
 Denied  Approved  
KCC Date Received: 7/14/06 15-Day Periods Ends: 11/21/06  
Approved By: [Signature] Date: 12-7-06



**WELL DATA SHEET**

Date: 1/17/2006  
Preparer: TWN

Wellname: DRACH B 1-1  
Id: DRACH  
County: STAFFORD State: KS  
API: 15-185-23189

Footage: 330 FSL 150 FWL SW  
Sec: 1  
Twp: 22S  
Rge: 13W

KB: 1891  
GL: 1883  
Diff: 8

**Casing Information**

Size	Weight	Grade	Depth	Cement	Date Run	Comment
8 5/8	24		736	190	Jun-03	Circ Cmt
5 1/2	15.5		3859	150	Jul-03	TOC @ 3160

**Tubing Information**

Size or Item	Weight	Grade	Thread	Depth	# of Jts	Comment
2 7/8	6.5	B	8	3771.46	122	DEPTH SHOWN IS BOTTOM OF MA.

**Rod Information**

Size	Desc	Grade	Length	# Run	Comment
7/8				10	2' SUB ON PUMP
3/4				88	
7/8				51	PLUS SUBS

**Pump Information**

Type	Desc	Date Run
2.5X1.5X12	RWB	2/14/05

**Producing Intervals**

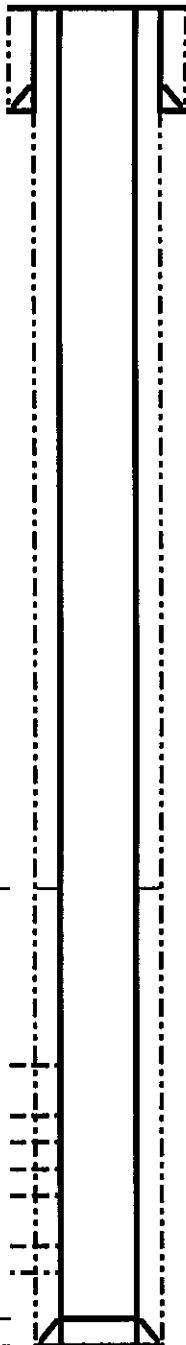
Formation	Top	Btm	SPF	# of holes	Date	Status
ARBUCKLE	3712	3716	4	16	7/23/2003	SQUEEZED
ARBUCKLE	3700	3708	4	32	8/11/2003	OPEN
LKC K	3533	3537	4	16	8/20/2003	OPEN
LKC J	3512	3518	4	24	8/20/2003	OPEN
LKC I	3493	3498	4	20	8/20/2003	OPEN
				0		
				0		

**History**

7/21/2003	PERF SQUEEZE HOLE 3520-3522. COULD NOT PUMP INTO.
7/21/2003	PERF SQUEEZE HOLES 3424-3426. SQUEEZE WITH 50 SX.
7/23/2003	PERF ARBUCKLE 3712-3716. PUT ON PUMP.
8/1/2003	IP 28 BOPD 10 BWPD
8/11/2003	PERF ARBUCKLE 3700-3708.
8/13/2003	A 500 + A 1000 ARBUCKLE 3700-3708 + 3712-3716. SWABBED 15 BPH WITH 12.5% OIL CUT.
8/15/2003	DOC SQUEEZE BOTH ARBUCKLE PERFS WITH 50 SX.
8/19/2003	A 250 ARBUCKLE 3700-3708. SWABBED 8.3 BPH WITH 60% OIL CUT.
8/20/2003	PERF LKC K,J,I
8/21/2003	A 1000 LKC K,J,I. ALL THREE ZONES COMMUNICATED.
11/5/2003	A 2000 15% GELLED ACID WITH 2 SALT PLUGS TO TREAT LKC K,J,I.

**COMMENTS**

PRIMARY CEMENT JOB WAS POOR.
12/12/05 WELL TEST: 10.3 BOPD 58.3 BWPD



TOC @ 3160

SQUEEZE HOLES 3424-3426

LKC I 3493-3498

LKC J 3512-3518

SQUEEZE HOLES 3520-3522

LKC K 3533-3537

ARBUCKLE 3700-3708

ARBUCKLE (SQ) 3712-3716

PBTD 3799

5 1/2 @ 3859

LTD 3860

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**Affidavit of Notice Served**

Re: Application for: ACO-4 Application for Commingling of Production or Fluids  
Well Name: Drach B Unit #1-1 Legal Location: SW SW SW Sec. 1-22s-13w, Stafford Co., Ks

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 13th of July, 2006, 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)

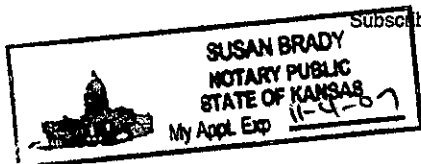
(see attached)

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

Signed this 13th day of July, 2006

Susan M. Pears  
Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 13th day of July, 2006



Susan Brady  
Notary Public

My Commission Expires: 11-4-07

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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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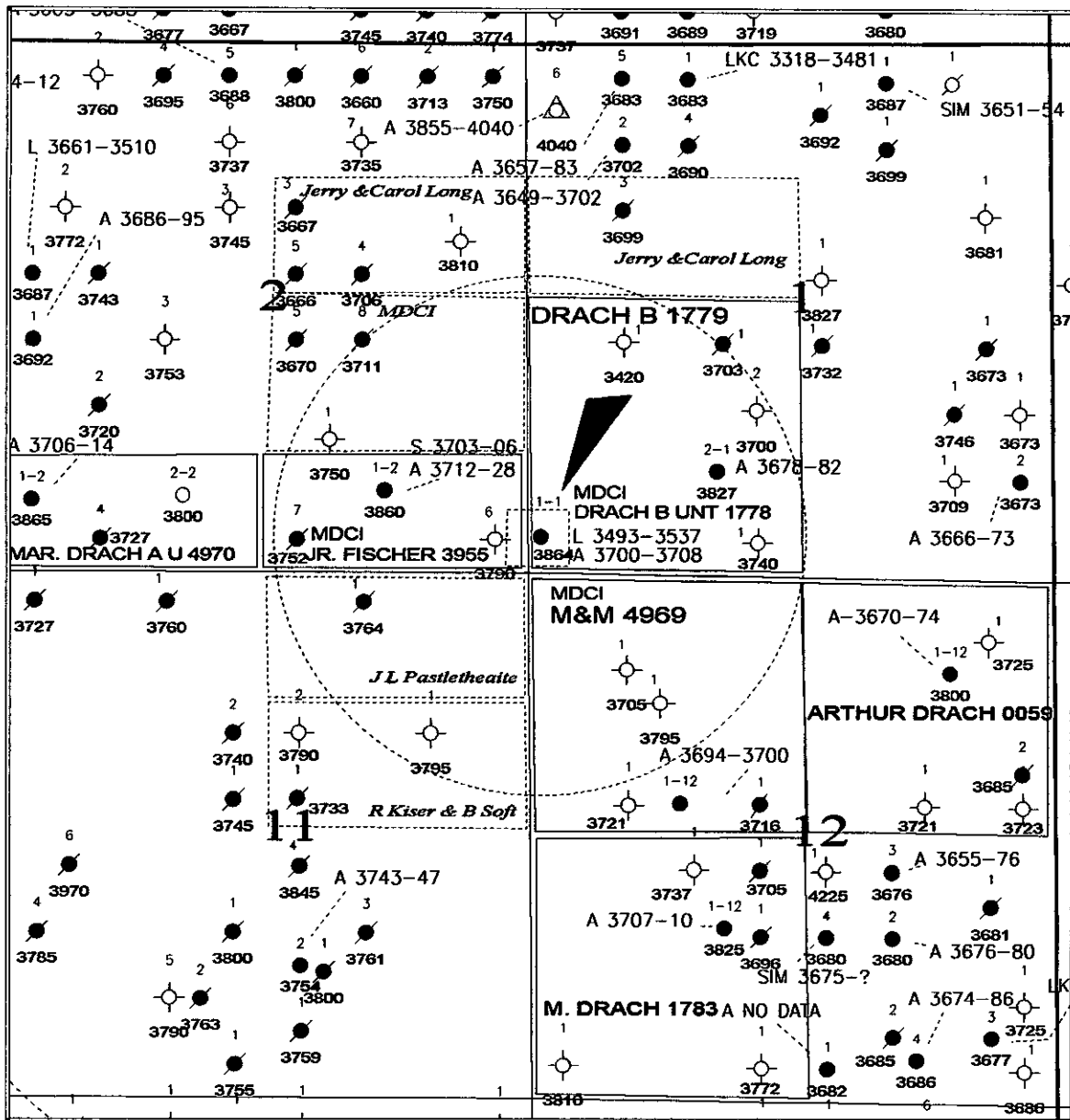
***Affidavit of Notice Served***

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

***Drach B Unit #1-1:***

<u>Name</u>	<u>Address</u>
Jerry E. Long and Carol A. Long Unleased mineral owner	991 NE 10th Avenue St. John, Ks 67576
John L. Pastletheaite Unleased mineral owner	1217 Hubbard Great Bend, Ks 67530
Ruth Kiser & Brenda Soft Unleased mineral owner	1415 O'Daniel Hutchinson, Ks 67501

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LEGEND

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

MURFIN DRILLING COMPANY INC.		
DRACH 'B' UNIT #1-1 SEC 1-22S-13W STAFFORD CO., KS		
KD		7/12/2006

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**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Milt Mounts, 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 consecutive issues - weeks, that the first publication of said notice was

made as aforesaid on the 6th day of

November A.D. 2006, with

subsequent publications being made on the following dates:

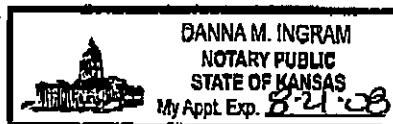
And affiant further says that \_\_\_\_\_ he has personal knowledge of the statements above set forth and that they are true.

*[Handwritten Signature]*

Subscribed and sworn to before me this

6th day of November, 2006

*[Handwritten Signature]*  
Notary Public Sedgwick County, Kansas



Printer's Fee \$80.00

**LEGAL PUBLICATION**  
Published in The Wichita Eagle on November 6, 2006 (85514)  
BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS  
NOTICE OF FILING APPLICATION  
RE: Murfin Drilling Co., Inc. - Application for Correlating of Production on the Dratch Unit B-1 located in Stafford Co., KS.  
TO: All oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons who may be concerned.  
You, and each of you, are hereby notified that Murfin Drilling Company, Inc. has filed an application for Correlating of Production on the Dratch B-1 well located approximately 1/4 Sec. 1, Township 22S, Range 13W, Stafford Co., KS. This application shall be required to file their objections or protests 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 filed 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. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.  
All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.  
Murfin Drilling Co., Inc.  
250 N. Water Suite 300  
Wichita, KS 67202  
316 267 3231

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NOV 08 2006  
CONSERVATION DIVISION  
WICHITA, KS

COURT NO. \_\_\_\_\_

STATE OF KANSAS, STAFFORD COUNTY, S.S.

David Green, of lawful age, being duly sworn upon oath states that he is the publisher of

THE STAFFORD COURIER

THAT said newspaper has been published at least weekly fifty (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 mail matter at the post office of its publication;

THAT said paper has a general circulation on a daily, or weekly, or monthly, or yearly basis in

STAFFORD County, Kansas, and is

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

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

First Publication	.....	May 31	.....	20	06	.....
Second Publication	.....			20		.....
Third Publication	.....			20		.....
Fourth Publication	.....			20		.....
Fifth Publication	.....			20		.....
Sixth Publication	.....			20		.....
Publication Fee				\$	50 lines @ 39065	
Affidavit, Notary's Fee				\$		
Additional Copies		@		\$		
Total Publication Fee				\$	1953	

Witness my hand this ... day of June 1, 20 06 (Sign) [Signature]

SUBSCRIBED AND SWORN TO before this 1st day of June, 20 06



[Signature] (Notary Public)

My commission expires 5-11-16

(Published in The Stafford-Courier Wednesday, May 31, 2006) 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 Drach Unit B 1-1 located in Stafford Co., KS.

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 Arbuckle and the Lansing Kansas City at the Drach B 1-1 well located approximately SW SW SW of Sec. 1 Township 22S Range 13W Stafford Co., KS.

Any persons who object to or protest this application shall be required to file their objections or protests 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 filed 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. If no protests are received, this application may be granted through a summary proceeding. If valid protests are received, this matter will be set for hearing.

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

Murfin Drilling Co., Inc. 250 No. Water Suite 300 Wichita, KS. 67202 316 267-3241

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# KANSAS

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR

BRIAN J. MOLINE, CHAIR

ROBERT E. KREHBIEL, COMMISSIONER

MICHAEL C. MOFFET, COMMISSIONER

December 7, 2006

Susan Sears  
Murfin Drilling Company, Inc.  
250 N. Water, Suite 300  
Wichita, KS 67202

**RE: Approved Commingling CO070602  
Drach Unit B 1-1, Sec. 1-T22S-R13W, Stafford County, Kansas  
API No. 15-185-23189-0001**

Dear Ms. Sears:

Your "Application for Commingling" (ACO-4) for the above described well has been technically reviewed and approved by the Kansas Corporation Commission (KCC) per **K.A.R. 82-3-123a**. 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 **July 14, 2006** concerns approval to simultaneously produce from the following **two** sources of supply through the same tubing string in the same wellbore: the **Arbuckle and the Lansing Kansas City** formations.

According to your application, the estimated current production from the **Arbuckle** source of supply is **36 BOPD, 0 Mcfpd and 18 BWPD**. The estimated current production from the **Lansing Kansas City** source of supply is **60 BOPD, 0 Mcfpd and 0 BWPD**. The total estimated current production from all sources of supply in the subject well is **96 BOPD, 0 Mcfpd and 18 BWPD**.

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

Docket Number **CO070602** has been assigned to this approved application. Please use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,



Rick Hestermann  
Production Department