

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 #* _____

OPERATOR: License # _____ API No. 15 - _____
Name: _____ Spot Description: _____
Address 1: _____ - - - - - Sec. _____ Twp. _____ S. R. _____ East West
Address 2: _____ Feet from North / South Line of Section
City: _____ State: _____ Zip: _____ + _____ Feet from East / West Line of Section
Contact Person: _____ County: _____
Phone: (_____) _____ Lease Name: _____ Well #: _____

1. Name and upper and lower limit of each production interval to be commingled:
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
Formation: _____ BOPD: _____ MCFPD: _____ BWPD: _____
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:

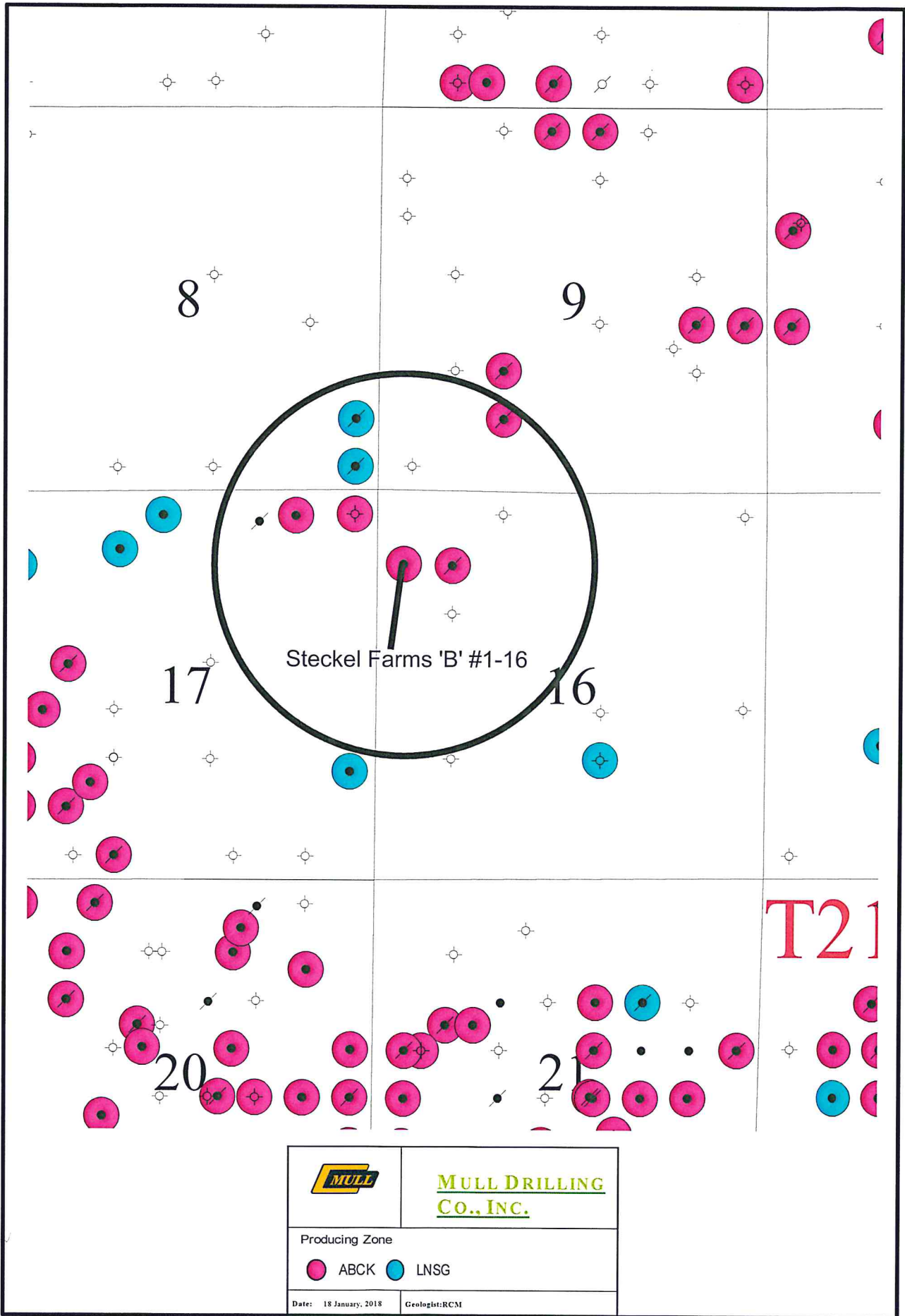
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: _____

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.





DRILLING COMPANY, INC.
WICHITA, KANSAS

**ATTACHMENT TO ACO-4
APPLICATION FOR COMMINGLING OF PRODUCTION**

Signed Certificate of Notice to Offset Operators and Unleased Mineral Holders

Mull Drilling Company, Inc.
Steckel Farms B #1-16
W/2 NW Section 16-21S-12W
Stafford County, Kansas
API No. 15-185-23426-00-00

Names and addresses of each operator or lessee of record and each unleased mineral owner within one half mile of the subject well:

Sec 8: SE4

Scott Salem
428 NE 200 Avenue
Ellinwood, Kansas 67526

Virgil D. Salem Revocable Trust, dated May 3, 2013
2019 NE 80th Avenue
Ellinwood, Kansas 67526

Sec 9: SW/4

John DeWerff Revocable Trust, dated February 2, 2001
941 SE 50 Road
Ellinwood, Kansas 67526

Katherine L. DeWerff Revocable Trust, dated February 2, 2001
941 SE 50 Road
Ellinwood, Kansas 67526

Sec. 9: SE/4

Merle L. Evers and Vivian L. Evers Trust dated December 31, 1996
342 College View Drive
Great Bend, Kansas 67530

David Wayne Setser Trust dated May 15, 1996
342 College View Drive
Great Bend, Kansas 67530

Sec. 16: NE/4

Karen S. Sessler Revocable Trust dated December 10, 2014
567 SE 120th Avenue
Ellinwood, Kansas 67526

Marvin C. Sessler Revocable Trust dated December 10, 2014
567 SE 120th Avenue
Ellinwood, Kansas 67526

Michael E. Brauer Revocable Trust dated September 10, 2014
19979 Expedition
Littleton, Colorado 80125

Sec. 16: N/2SW/4

Steckel Farms, a partnership
P.O. Box 2204
Longmont, Colorado 80502

Sec 16: S/2SW/4

Jane F. Hall Revocable Trust dated March 5, 2013
P.O. Box 1704
Great Bend, Kansas 67530

Mull Drilling Company, Inc's Steckel Farms B #1-16
W/2 NW Section 16-21S-12W
Stafford County, Kansas
Page 2

Sec 16: S/2SW/4 (continued)

Leo J. Hall Revocable Trust dated March 5, 2013
P.O. Box 1704
Great Bend, Kansas 67530

Virginia E. Anderson Trust
P.O. Box 3699
Wichita, Kansas 67201

Estate of J. Edgar Hallman, deceased
6925 Santa Fe Drive
Overland Park, Kansas 66204

Copy of the ACO-4 was mailed to the above listed companies/individuals on February 21, 2018.

Signed this 21st day of February, 2018.

MULL DRILLING COMPANY, INC.


Risa Carter
Production Technician

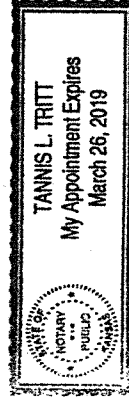
STATE OF KANSAS

COUNTY OF SEDGWICK

ACKNOWLEDGEMENT FOR INDIVIDUAL

Before me, the undersigned, a Notary Public, within and for said county and state, on this 21st day of February, 2018, personally appeared Risa Carter, Production Technician of Mull Drilling Company, Inc., to me personally known to be the identical person who executed the within and foregoing Certificate of Service Form and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.




Tannis L. Tritt, Notary Public

My commission expires: 3.26.2019

PROOF OF PUBLICATION

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 Feb. 25, 2018
Second Publication 20
Third Publication 20
Fourth Publication 20
Fifth Publication 20
Sixth Publication 20

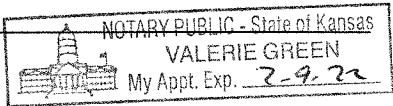
Publication Fee \$
Affidavit, Notary's Fee \$
Additional Copies @ \$
Total Publication Fee \$

Witness my hand this 27 day of February, 2018
(Sign) [Signature]

SUBSCRIBED AND SWORN TO before this 27 day of February, 2018

[Signature]
(Notary Public)

My commission expires



(Published In The Stafford Courier, Wednesday, February 28, 2018)It

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

Re: Mull Drilling Company, Inc. - Application for order to permit commingling of production of the Steckel Farms B #1-16, located in Stafford County, Kansas.

To: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whosoever concerned.

You, and each of you, are hereby notified that Mull Drilling Company, Inc. has filed an application to commingle production of the LKC "I" and Arbuckle formation on the

Steckel Farms B #1-16, located SE SWNWNW 16-21S-12W, Stafford County, Kansas.

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 the publication. These protests shall be files 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.

Mull Drilling Company, Inc.
1700 N. Waterfront Parkway,
Building 1200
Wichita, KS 67206
316-264-6366



LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453877	0003539640	Published in the Wichita Eagle February 24, 2018		\$197.00	1	55

Attention: risa carter

MULL DRILLING COMPANY, INC.
1700 N. WATERFRONT PKWY, BUILDING 1200
WICHITA, KS 67206

In The STATE OF KANSAS
In and for the County of Sedgwick
AFFIDAVIT OF PUBLICATION

1 Insertions

Beginning issue of: 02/24/2018

Ending issue of: 02/24/2018

STATE OF KANSAS)

.SS

County of Sedgwick)

LEGAL PUBLICATION
Published in the Wichita Eagle
February 24, 2018 (2339448)

MULL DRILLING COMPANY, INC.
WICHITA, KANSAS

BEFORE THE STATE CORPORATION
COMMISSION OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

Re: Mull Drilling Company, Inc. - Application
for order to permit commingling of
production of the Steckel Farms B #1-16,
located in Stafford County, Kansas.

To: All Oil & Gas Producers, Unleased Mineral
Interest Owners, Landowners, and all
persons whosever concerned.

You, and each of you, are hereby notified
that Mull Drilling Company, Inc. has filed
an application to commingle production of
the L.K.C. #1 and Arbuckle formation on the
Steckel Farms B #1-16, located SE SW NW
NW 16-21S-12W, Stafford County, Kansas.
Any persons who object to or protest
this application shall be required to
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Corporation Commission of the State
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Mull Drilling Company, Inc.
1700 N. Waterfront Parkway, Building 1200
Wichita, KS 67206
316-264-6366

Dale Seiwert, of lawful age, being first duly
sworn, deposeseth 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 from 2/24/2018 to 02/24/2018.

I certify (or declare) under the penalty of
perjury that the foregoing is true and correct.

(Signature of Principal Clerk)

DATED: 2/26/2018

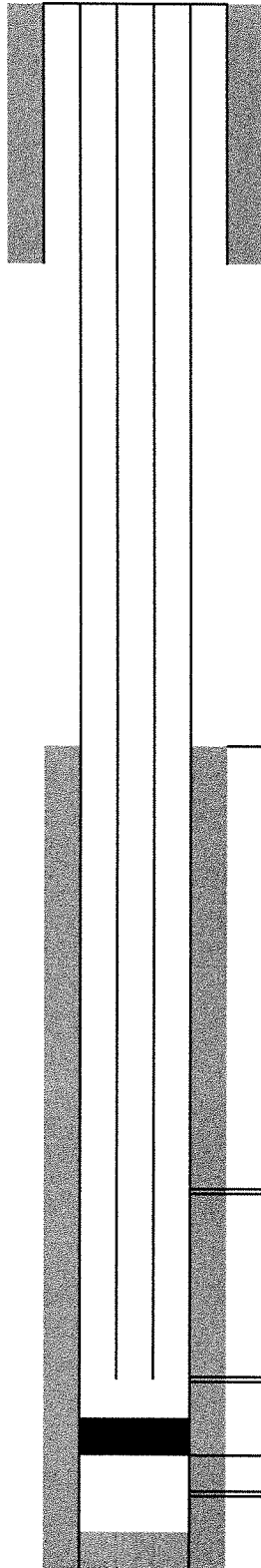
Notary Public Sedgwick County, Kansas

JENNIFER RAE BAILEY
Notary Public - State of Kansas
My Appt. Expires 6/1/2021



DRILLING COMPANY, INC.
WICHITA, KANSAS

Proposed Wellbore Configuration



8-5/8", 20# set at 287'
Cmt to surf w/275 sx.

Top of cement at 3110' (CBL 3/13/07)

Proposed Lansing-Kansas City I zone perms at 3395'-3400'

Existing Arbuckle perms at 3510'-3522'

CIBP @3525'

Arbuckle perms at 3529'-3532' swabbed 100% water.

5-1/2", 14 # csg set at 3625'. Cmt w/45 sx. Lite & 60 sx. 50/50 Pozmix.

PBTD 3581'
RTD 3630'

Date:	<u>1/18/2018</u>
Well Name:	<u>Steckel Farms B #1-16</u>
Location:	<u>W/2 NW/4</u>
	<u>16-21S-12W</u>
County:	<u>Stafford</u>
State:	<u>KS</u>
API:	<u>15-185-23426</u>
KB:	<u>1882'</u>
GL:	<u>1873'</u>
Spud Date:	<u>2/21/2007</u>



DownHole SAT Rx
FORMATION WATER CHEMISTRY INPUT

Mull Drilling
Steckel Farms B 1-16

Pro-Stim Chemicals
Troy Pelton

*Arbuckle water
analysis. No
LRC analysis
available.*

Report Date: 06-10-2017
Sample #: 1964

Sampled: 05-29-2017
at 1644

CATIONS

Calcium (as Ca)	1640
Magnesium (as Mg)	146.00
Barium (as Ba)	4.00
Strontium (as Sr)	0.00
Sodium (as Na)	12661
Potassium (as K)	0.00
Lithium (as Li)	0.00
Ammonia (as NH ₃)	0.00
Aluminum (as Al)	0.00
Iron (as Fe)	124.00
Manganese (as Mn)	0.270
Zinc (as Zn)	0.00
Lead (as Pb)	0.00

ANIONS

Chloride (as Cl)	23000
Sulfate (as SO ₄)	150.00
Bromine (as Br)	0.00
Dissolved CO ₂ (as CO ₂)	3.69
Bicarbonate (as HCO ₃)	500.00
Carbonate (as CO ₃)	0.00
Oxalic acid (as C ₂ O ₄)	0.00
Silica (as SiO ₂)	0.00
Phosphate(as PO ₄)	0.00
H ₂ S (as H ₂ S)	30.00
Fluoride (as F)	0.00
Nitrate (as NO ₃)	0.00
Boron (as B)	0.00

PARAMETERS

Calculated T.D.S.	37977
Molar Conductivity	52249
Resistivity	19.14
Sp.Gr.(g/mL)	1.02
Pressure(PSIA)	14.70
pCO ₂ (PSIA)	0.0263
pH ₂ S(atm)	0.00511
Temperature (°F)	74.00
pH	7.13

All anions and cations are in mg/l (CO₂ in MEq/L)

FRENCH CREEK SOFTWARE, INC.
1220 VALLEY FORGE ROAD, BUILDING 21, VALLEY FORGE, PA 19460

STATE OF KANSAS

CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513



PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | PAT APPLE, COMMISSIONER

March 19, 2018

Mark Shreve
Mull Drilling Co., Inc.
1700 N Waterfront Pkwy, Bldg 1200
Wichita, KS 67206

RE: Approved Commingling CO031801
Steckel Farms B 1-16
API No. 15-185-23426-00-00

Dear Mr. Shreve:

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.

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).

File form ACO-1 upon re-completion of the well to commingle.

Sincerely,

Rick Hestermann
Production Department