

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**

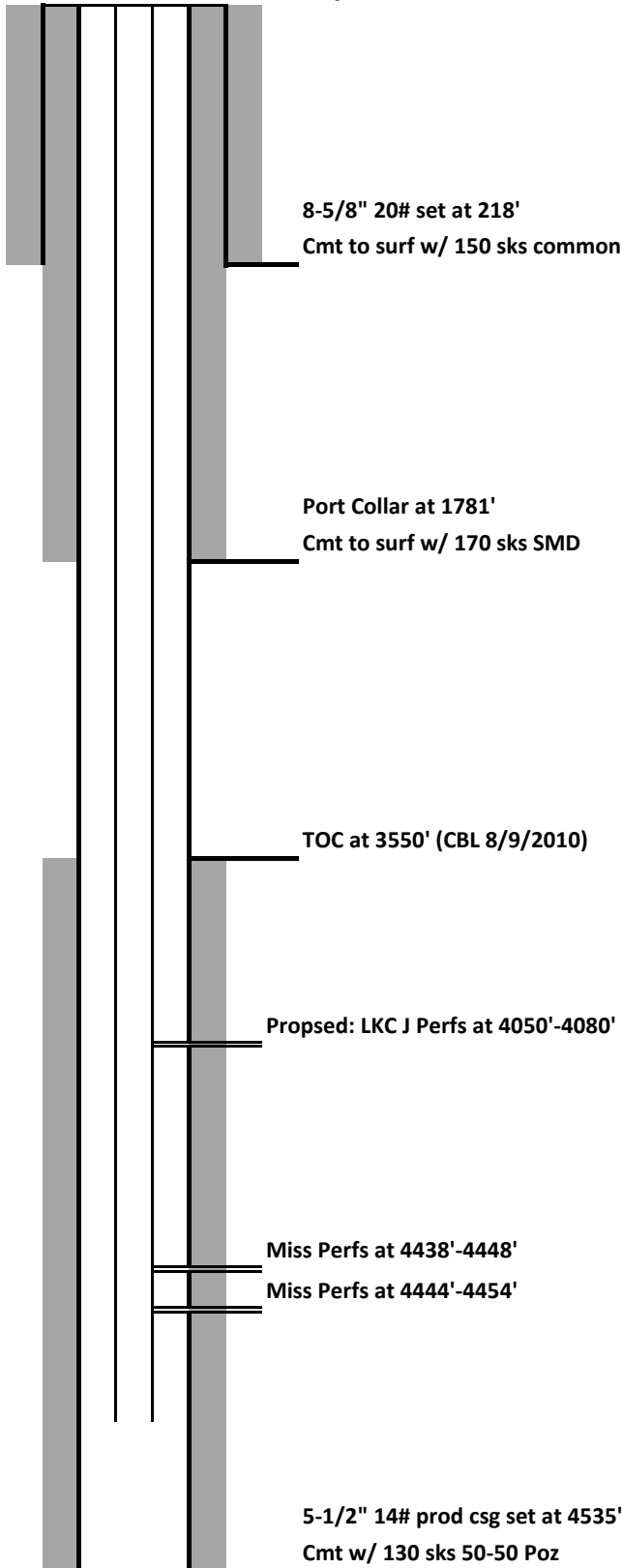
**KCC Office Use Only**  
 Denied  Approved  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

*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.*

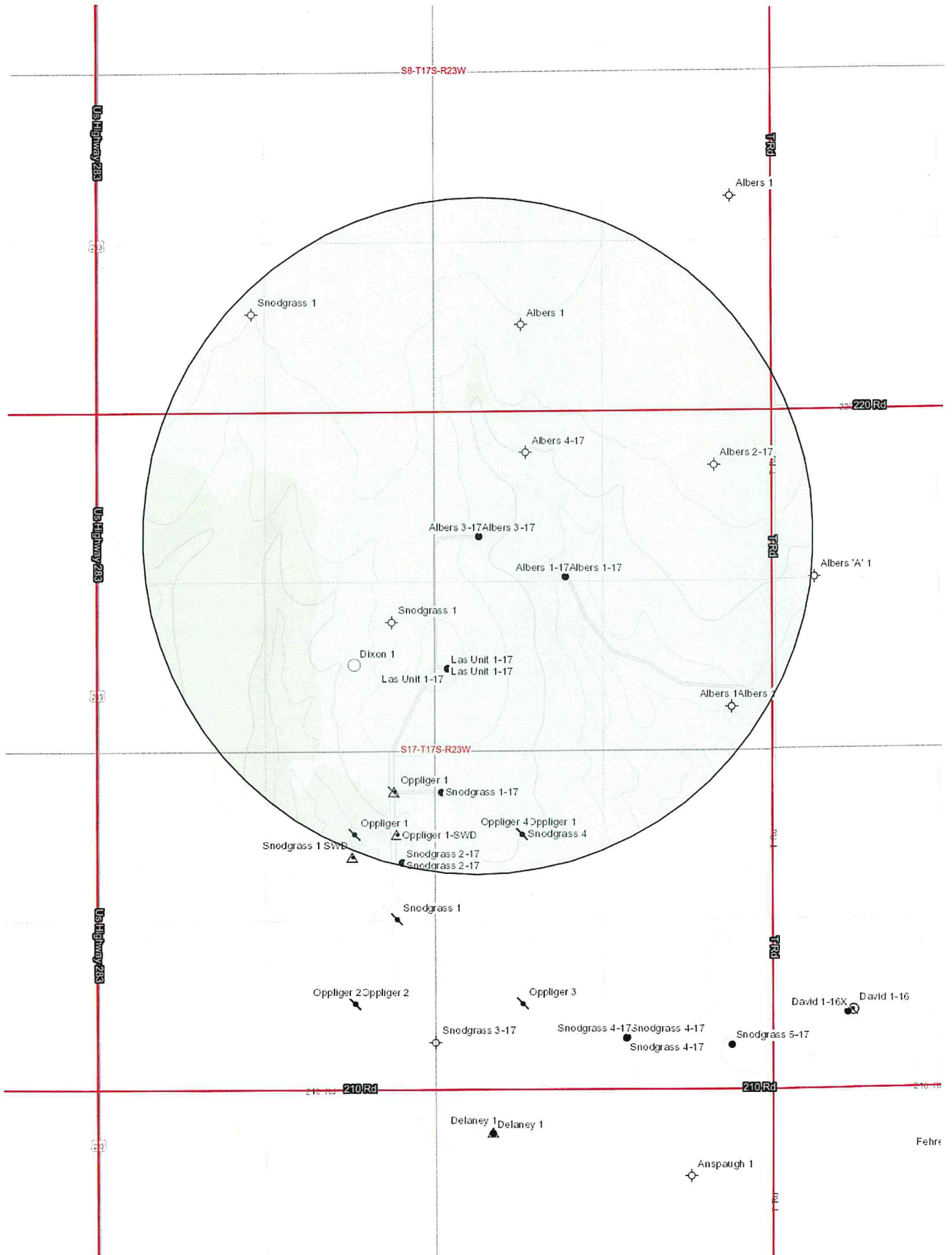


**DRILLING COMPANY, INC.**  
**WICHITA, KANSAS**

**Proposed Wellbore Configuration**



Date:	<u>3/30/2022</u>
Well Name:	<u>Albers #3-17</u>
Location:	<u>990' FNL &amp; 2310' FSL</u>
	<u>Section 17-T17S-R23W</u>
County:	<u>Ness</u>
State:	<u>Kansas</u>
API:	<u>15-135-25084</u>
KB:	<u>2465</u>
GL:	<u>2456</u>
Spud Date:	<u>7/14/2010</u>





**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.  
Albers #3-17  
NW/4 NE/4 Section 17-17S-23W  
Ness County, Kansas  
API No. 15-135-25084-00-01**

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

Section 17: All

Mull Drilling Company, Inc.  
1700 N Waterfront Pkwy, Bldg. 1200  
Wichita, KS 67206

Section 8: SW/4

Mike & Ginger Fritzler  
11497 R Road  
Ness City, KS 67560

Section 8: SE/4

David Lyl Albers  
30077 240 Road  
Brownell, KS 67521

Section 9: SW/4

Randy Albers Supplemental Needs Trust  
301 Avila CT  
Winter Springs, FL 32705

Section 16: NW/4

Reni-Jo Potter-Woods  
301 Avila CT  
Winter Springs, FL 32705

Steven Lane Albers  
14931 E 63<sup>rd</sup> Street S  
Derby, KS 67037

Copy of the ACO-4 was mailed to the above listed companies/individuals on April 20, 2022.

Signed this 20th day of April, 2022.

**MULL DRILLING COMPANY, INC.**

Risa O'Bryhim  
Production Technician

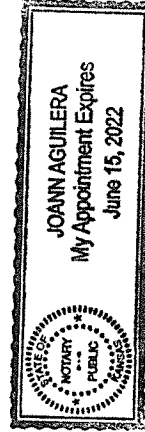
**STATE OF KANSAS**

**COUNTY OF SEDGWICK**

**ACKNOWLEDGEMENT FOR INDIVIDUAL**

Before me, the undersigned, a Notary Public, within and for said county and state, on this 20th day of April, 2022, personally appeared Risa O'Bryhim, 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 she executed the same as her 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.



JOANN AGUILERA, Notary Public

My commission expires: \_\_\_\_\_



Beaufort Gazette  
 Belleville News-Democrat  
 Bellingham Herald  
 Bradenton Herald  
 Centre Daily Times  
 Charlotte Observer  
 Columbus Ledger-Enquirer  
 Fresno Bee

The Herald - Rock Hill  
 Herald Sun - Durham  
 Idaho Statesman  
 Island Packet  
 Kansas City Star  
 Lexington Herald-Leader  
 Merced Sun-Star  
 Miami Herald

el Nuevo Herald - Miami  
 Modesto Bee  
 Raleigh News & Observer  
 The Olympian  
 Sacramento Bee  
 Fort Worth Star-Telegram  
 The State - Columbia  
 Sun Herald - Biloxi

Sun News - Myrtle Beach  
 The News Tribune Tacoma  
 The Telegraph - Macon  
 San Luis Obispo Tribune  
 Tri-City Herald  
 Wichita Eagle

## AFFIDAVIT OF PUBLICATION

Account #	Order Number	Identification	Order PO	Amount	Cols	Depth
38629	251645	Print Legal Ad - IPL0069927		\$299.17	1	51L

**Attention:** Risa O'Bryhim  
 MULL DRILLING COMPANY, INC.  
 1700 N. WATERFRONT PKWY, BUILDING 1200  
 WICHITA, KS 67206

**LEGAL PUBLICATION  
 BEFORE THE STATE CORPO-  
 RATION COMMISSION OF THE  
 STATE OF KANSAS  
 NOTICE OF FILING APPLICA-  
 TION**

Re: Mull Drilling Company, Inc. - Application for order to permit commingling of production of the Albers #3-17, located in Ness 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 LKC "J" and Mississippi formations on the Albers #3-17, located NW/4 NE/4 17-17S-23W, Ness 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 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.

Mull Drilling Company, Inc.  
 1700 N. Waterfront Parkway, Building 1200  
 Wichita, KS 67206  
 316-264-6366  
 IPL0069927  
 Apr 22 2022

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

No. of Insertions: 1  
 Beginning Issue of: 04/22/2022  
 Ending Issue of: 04/22/2022

STATE OF KANSAS)

SS

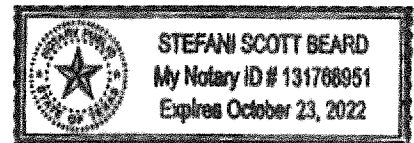
County of Sedgwick)

Hayley Martin, 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 from 04/22/2022 to 04/22/2022.

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

DATED: 04/22/2022

Notary Public in and for the state of Texas, residing in Dallas County



Extra charge for lost or duplicate affidavits.  
 Legal document please do not destroy!

First published in the  
Ness County News,  
Thursday, April 28,  
2022. -1t

**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  
Albers #3-17, located in  
Ness County, Kansas.

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

You, and each of you,  
are hereby notified that  
Mull Drilling Company,  
Inc. has filed an  
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NE/4 17-17S-23W, Ness  
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 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.

STATE OF KANSAS, COUNTY OF NESS, ss:

Jerry Clarke, being first duly sworn, Deposes and says: that he is Publisher of  
Ness County News, a weekly newspaper, published and printed in Ness City, State  
of Kansas, and published in and of general circulation in Ness County, Kansas, with  
a general paid circulation on a weekly basis in Ness 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; has been so pub-  
lished 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 of Ness City, in said County as second 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 1 consecutive weeks,  
the first publication thereof being made as aforesaid on the 28th day of  
April, 2022, with subsequent publications being made  
on the following dates:

\_\_\_\_\_, 20\_\_\_\_, \_\_\_\_\_, 20\_\_\_\_  
\_\_\_\_\_, 20\_\_\_\_, \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_, Jerry Clarke, editor

Subscribed and sworn to before me this 28th day of April, 2022



\_\_\_\_\_  
Janice Pfanenstiel, Notary Public.

Publication Fee \_\_\_\_\_ \$ 43.16

Additional Copies @ 10 \$ \_\_\_\_\_

**Total Publication Fees** \_\_\_\_\_ \$ 43.16

Filed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Attached Proof Of Publication approved this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
District Magistrate Judge

Filed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Clerk of the District Court.

Attached Proof Of Publication approved this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

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

\_\_\_\_\_  
Judge Twenty-fourth Judicial District.

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



**DownHole SAT®**  
**FORMATION WATER CHEMISTRY INPUT**

Mull Drilling  
Albers 3-17  
Wellhead

Pro-Stim Chemicals  
Troy Pelton

Report Date: 11-08-2021      Sampled: 10-29-2021 at 0706  
Sample #: 12308                  Sample ID: WBaten

**CATIONS**

Calcium (as Ca)	1814
Magnesium (as Mg)	365.00
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	13265
Potassium (as K)	0.00
Lithium (as Li)	0.00
Ammonia (as NH <sub>3</sub> )	0.00
Aluminum (as Al)	0.00
Iron (as Fe)	8.11
Manganese (as Mn)	0.408
Zinc (as Zn)	0.00
Lead (as Pb)	0.00

**ANIONS**

Chloride (as Cl)	23945
Sulfate (as SO <sub>4</sub> )	1379
Bromine (as Br)	0.00
Dissolved CO <sub>2</sub> (as CO <sub>2</sub> )	144.00
Bicarbonate (as HCO <sub>3</sub> )	442.00
Carbonate (as CO <sub>3</sub> )	0.00
Oxalic acid (as C <sub>2</sub> O <sub>4</sub> )	0.00
Silica (as SiO <sub>2</sub> )	0.00
Phosphate(as PO <sub>4</sub> )	0.00
H <sub>2</sub> S (as H <sub>2</sub> S)	46.00
Fluoride (as F)	0.00
Nitrate (as NO <sub>3</sub> )	0.00
Boron (as B)	0.00

**PARAMETERS**

Calculated T.D.S.	40998
Molar Conductivity	54635
Resistivity	18.30
Sp.Gr.(g/mL)	1.02
Pressure(psia)	14.70
pCO <sub>2</sub> (psia)	0.0650
pH <sub>2</sub> S(atm)	0.00785
Temperature (°F)	71.00
pH	6.57

**CORROSION RATE PREDICTION**

CO <sub>2</sub> - H <sub>2</sub> S Rate(mpy)	0.00976
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**COMMENTS** All anions & cations are in mg/l

**SGB Solutions**  
**5918 S County Road 1273, Midland, TX 79706**



**DownHole SAT®**  
**FORMATION WATER**  
**DEPOSITION POTENTIAL INDICATORS**

Mull Drilling  
Albers 3-17  
Wellhead

Pro-Stim Chemicals  
Troy Pelton

Report Date: 11-08-2021      Sampled: 10-29-2021 at 0706  
Sample #: 12308                  Sample ID: WBaten

**SATURATION LEVEL**

Calcite (CaCO <sub>3</sub> )	1.37
Aragonite (CaCO <sub>3</sub> )	1.28
Witherite (BaCO <sub>3</sub> )	0.00
Strontianite (SrCO <sub>3</sub> )	0.00
Calcium oxalate (CaC <sub>2</sub> O <sub>4</sub> )	0.00
Magnesite (MgCO <sub>3</sub> )	0.229
Anhydrite (CaSO <sub>4</sub> )	0.361
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	0.588
Barite (BaSO <sub>4</sub> )	0.00
Celestite (SrSO <sub>4</sub> )	0.00
Fluorite (CaF <sub>2</sub> )	0.00
Calcium phosphate	0.00
Hydroxyapatite	0.00
Silica (SiO <sub>2</sub> )	0.00
Brucite (Mg(OH) <sub>2</sub> )	< 0.001
Magnesium silicate	0.00
Iron hydroxide (Fe(OH) <sub>3</sub> )	< 0.001
Strengite (FePO <sub>4</sub> *2H <sub>2</sub> O)	0.00
Siderite (FeCO <sub>3</sub> )	9.12
Halite (NaCl)	0.00463
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	< 0.001
Iron sulfide (FeS)	24.61

**FREE ION MOMENTARY EXCESS (ppm)**

Calcite (CaCO <sub>3</sub> )	0.0773
Aragonite (CaCO <sub>3</sub> )	0.0633
Witherite (BaCO <sub>3</sub> )	-51.80
Strontianite (SrCO <sub>3</sub> )	-16.87
Calcium oxalate (CaC <sub>2</sub> O <sub>4</sub> )	-0.101
Magnesite (MgCO <sub>3</sub> )	-0.819
Anhydrite (CaSO <sub>4</sub> )	-1436
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	-713.07
Barite (BaSO <sub>4</sub> )	-0.0757
Celestite (SrSO <sub>4</sub> )	-132.73
Fluorite (CaF <sub>2</sub> )	-18.30
Calcium phosphate	>-0.001
Hydroxyapatite	-943.62
Silica (SiO <sub>2</sub> )	-103.93
Brucite (Mg(OH) <sub>2</sub> )	0.00249
Magnesium silicate	-289.47
Iron hydroxide (Fe(OH) <sub>3</sub> )	< 0.001
Strengite (FePO <sub>4</sub> *2H <sub>2</sub> O)	>-0.001
Siderite (FeCO <sub>3</sub> )	0.297
Halite (NaCl)	-494913
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	-190225
Iron sulfide (FeS)	2.56

**SIMPLE INDICES**

Langelier	0.300
Ryznar	5.97
Puckorius	4.28
Larson-Skold Index	99.20
Stiff Davis Index	-0.297
Oddo-Tomson	-0.421

**BOUND IONS**

Calcium	1814	1661
Barium	0.00	0.00
Carbonate	1.47	0.173
Phosphate	0.00	0.00
Sulfate	1379	837.89

**TOTAL**

**FREE**

**OPERATING CONDITIONS**

Temperature (°F)                      71.00  
Time(mins)                              3.00



Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Dwight D. Keen, Chair  
Susan K. Duffy, Commissioner  
Andrew J. French, Commissioner

Laura Kelly, Governor

June 1, 2022

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

RE: Approved Commingling CO052206  
Albers 3-17  
API No. 15-135-25084-00-01

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

Sincerely,

Production Department Supervisor