



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:

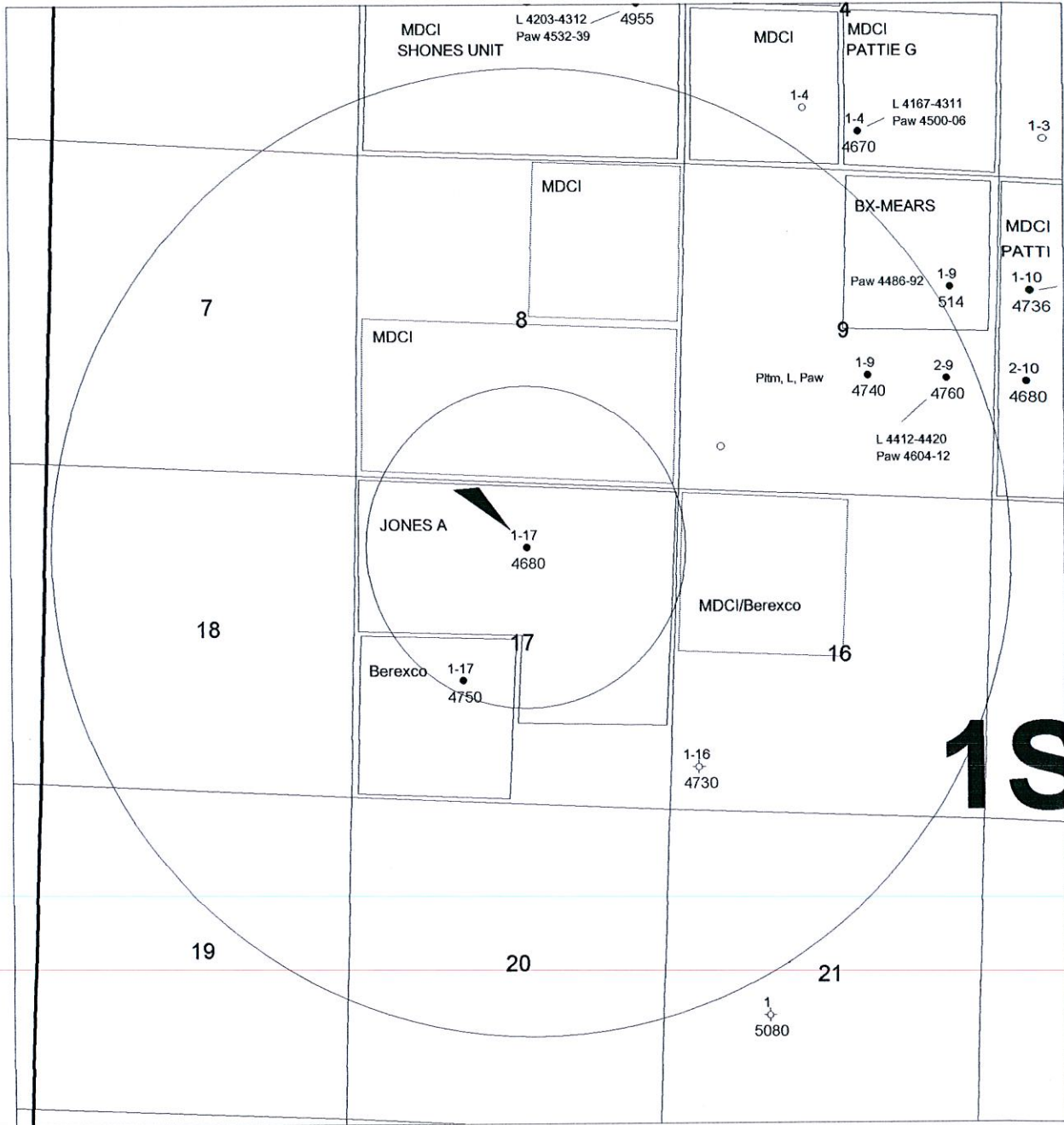
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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.



1S / 37W



MURFIN
DRILLING COMPANY, INC.
WICHITA, KANSAS

Commingling Application
Jones A #1-17
Sec. 17-1S-37W

Author
Date: 6 December, 2013

Horizontal Scale
Contour Interval

Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

Murfin Drilling Co., Inc.
250 N. Water, Suite 300
Wichita, KS 67202

S/2 Sec. 8, N/2 and N/2 SE Sec. 17,
NW/4 Sec. 16-1S-37W

Berexco LLC
2020 N. Bramblewood
Wichita, KS 67206

NW/4 Sec. 16 and SW/4 Sec. 17-1S-37W

Landowner:
JM and RL Jones Trsteess of Jean Marie Jones Living Trst.
918 9th Avenue West
Benkelman, NE 69021

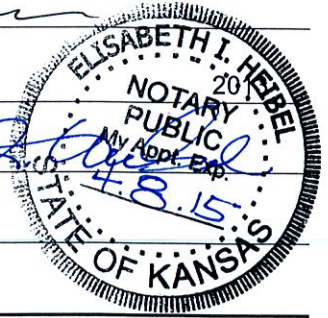
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or Duty Authorized Agent

Subscribed and sworn before me this 9th day of December

Notary Public

My Commission Expires: 4.8.15



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.**
9. All application fees must accompany the application.

AFFIDAVIT OF PUBLICATION
STATE OF KANSAS, CHEYENNE COUNTY, ss:

Cynthia Haynes

Being first duly sworn, Deposes and says: That

She
is the

Chief Financial Officer

of The Saint Francis Herald, a Weekly Newspaper printed in the State of Kansas, and published in and of general circulation in Cheyenne County, Kansas, with a general paid circulation on a weekly basis in Cheyenne County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a Weekly published at least weekly 50 times a year; has been so published 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 St. Francis in said County as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said newspaper

forconsecutive weeks, the first publication thereof

being made as aforesaid on the 21st day of Nov,

2013, with subsequent publications being made on the

following dates:

_____, 20____, _____, 20____

_____, 20____, _____, 20____

_____, 20____, _____, 20____

Cynthia Haynes

Subscribed and sworn to before me this 21 day of

November, 2013,

Karen Krien
Notary Public

My commission expires: 11/23/14

Printer's fee \$ 97.92

Additional copies \$ _____



Published in The Saint Francis Herald, St. Francis, Kansas, Thursday, November 21, 2013. (47)

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 Jones A #1-17, located in Cheyenne 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 Paynee at the Jones A #1-17 well located in the S2 SW NW NE of Sec. 17-1S-37W, Cheyenne 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
316-2670-3241

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 14th of

November A.D. 2013, with

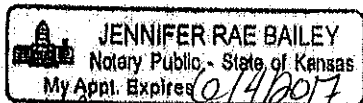
subsequent publications being made on the following dates:

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, 2013



Jennifer Rae Bailey
Notary Public Sedgwick County, Kansas

Printer's Fee : \$98.80

LEGAL PUBLICATION
PUBLISHED IN THE WICHITA EAGLE
NOVEMBER 14, 2013 (3275617)
BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: Murlin Drilling Co., Inc. - Application for
Commencing of Production on the Jones
A #1-17, located in Cheyenne 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 Murlin Drilling Company, Inc. has filed
an application for Commencing of Production
from the LKC and the Payne at the Jones A
#1-17 well located in the S2 SW NW NE of Sec
17-1S-37W, Cheyenne 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.
Murlin Drilling Company, Inc.
250 N. Water, Suite 300
Wichita, KS 67202
316-267-3241



DUAL RECEIVER CEMENT BOND LOG

Company MURFIN DRILLING COMPANY, INC.
 Well JONES 'A' NO. 1-17
 Field WILDCAT
 County CHEYENNE
 State KANSAS

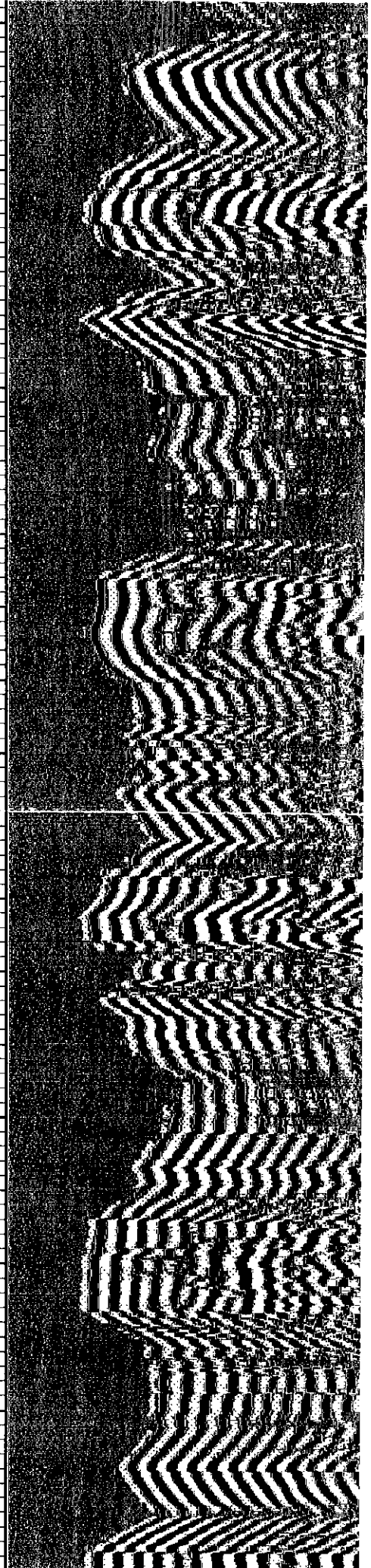
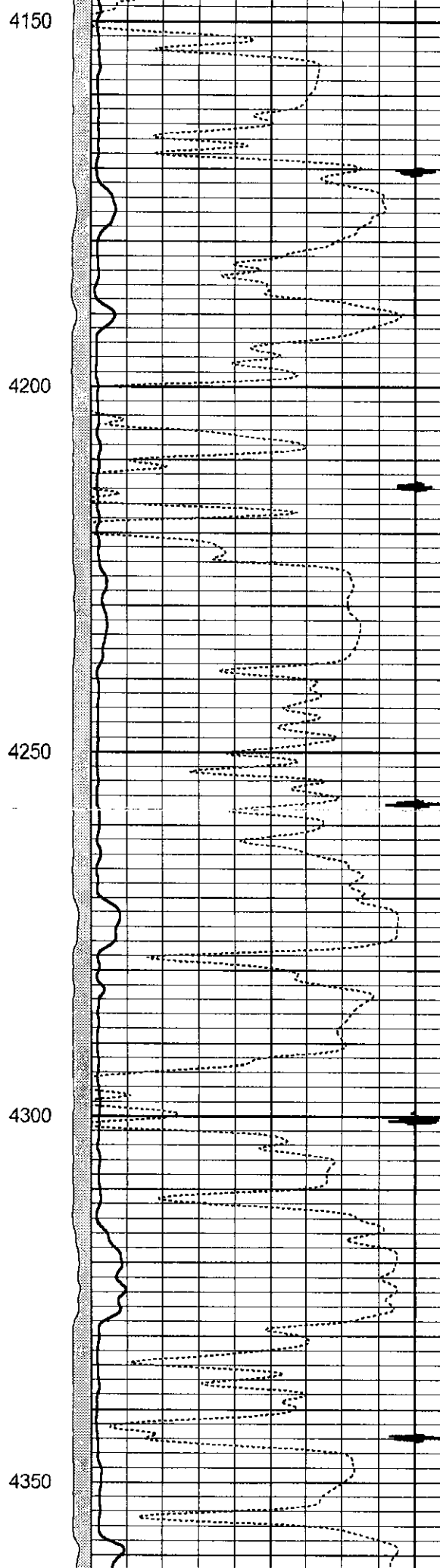
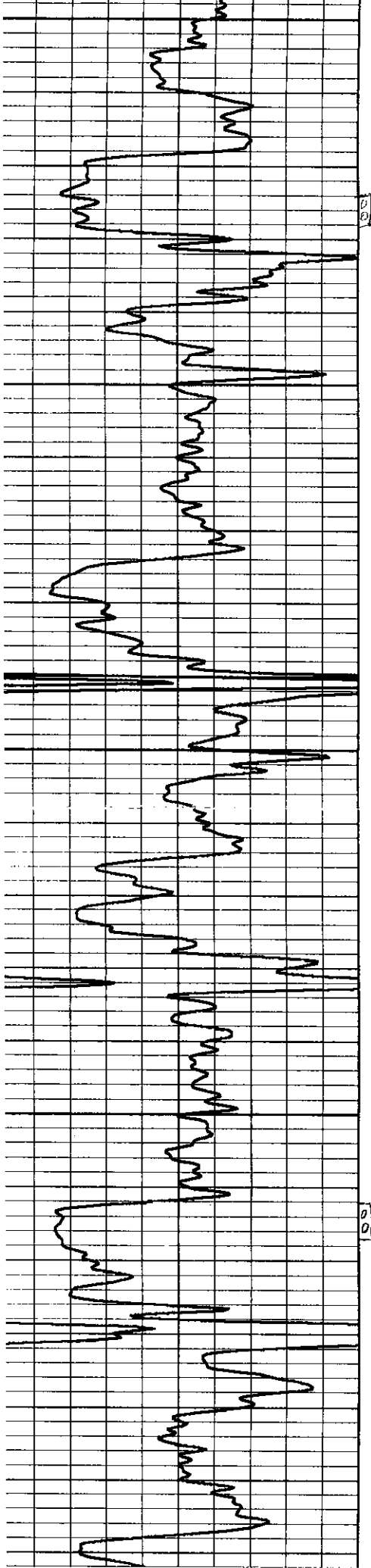
Company MURFIN DRILLING COMPANY, INC.
 Well JONES 'A' NO. 1-17
 Field WILDCAT
 County CHEYENNE State KANSAS

| | |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Location: 1050' FNL & 2310' FEL SEC 17 TWP 1S RGE 37W | API #: 15-023-21358-00-00 Other Services Elevation K.B. 3149 D.F. G.L. 3139 |
| Permanent Datum GROUND LEVEL Elevation 3139 Log Measured From K.B. 10' A.G.L. Drilling Measured From KELLY BUSHING | |

| | | |
|------------------------|---------------|--------------------|
| Date | FEB 13, 2013 | |
| Run Number | ONE | |
| Depth Driller | 4680 | PORT COLLAR @ 3100 |
| Depth Logger | 4645 | |
| Bottom Logged Interval | 4644 | |
| Top Log Interval | | |
| Open Hole Size | | |
| Type Fluid | WATER | |
| Density / Viscosity | | |
| Max. Recorded Temp. | 125 | |
| Estimated Cement Top | | |
| Time Well Ready | | |
| Time Logger on Bottom | | |
| Equipment Number | PT-05 | |
| Location | HAYS | |
| Recorded By | BRAD LEIKER | |
| Witnessed By | MR. NATE WITT | |

| Borehole Record | | | | Tubing Record | | | |
|-----------------|-------|------|------|---------------|--------|------|----|
| Run Number | Bit | From | To | Size | Weight | From | To |
| ONE | 12.25 | 00 | 225 | | | | |
| TWO | 7.875 | 00 | 4680 | | | | |
| | | | | | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|-------------------|-------|--------|-----|--------|
| Surface String | 8 5/8 | 23# | 00 | 225 |
| Prot. String | | | | |
| Production String | 5 1/2 | 15.5# | 00 | 4669 |
| Liner | | | | |





CONFIDENTIAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30606
Name: Murfin Drilling Co., Inc.
Address 1: 250 N WATER STE 300
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1216
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Jeff Christian
Purchaser: MV Purchasing, LLC

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

| | | |
|-----------------------------------|------------------|-----------------------------------------|
| <u>01/21/2013</u> | <u>1/30/2013</u> | <u>02/26/2013</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 15-023-21358-00-00

Spot Description: _____
S2 SW NW NE Sec. 17 Twp. 1 S. R. 37 East West
1050 Feet from North / South Line of Section
2310 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Cheyenne
Lease Name: Jones 'A' Well #: 1-17
Field Name: _____
Producing Formation: LKC. Pawnee
Elevation: Ground: 3139 Kelly Bushing: 3149
Total Depth: 4680 Plug Back Total Depth: 4649
Amount of Surface Pipe Set and Cemented at: 225 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 1200 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 05/20/2013
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 05/20/2013

1140446

Operator Name: Murfin Drilling Co., Inc. Lease Name: Jones 'A' Well #: 1-17
 Sec. 17 Twp. 1 S. R. 37 East West County: Cheyenne

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Dual Compensated Microresistivity | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attachment |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|-------------------------------------------------------------------------------------|-------------------|---------------------------|------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./ Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12.2500 | 8.6250 | 23 | 225 | Common | 235 | 3% cc |
| Production | 7.8750 | 5.5000 | 15.5 | 4671 | OWC | 175 | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|---------------------------------------|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| ___ Perforate | | | | |
| ___ Protect Casing | | | | |
| ___ Plug Back TD | | | | |
| ___ Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|
| 4 | 4174 - 4178 LKC 'D' | 250 gal 15% MCA, 750 gal 20% NEFE | |
| 4 | 4312 - 4317 LKC 'J' | 250 gal 15% MCA | |
| 4 | 4504 - 4510 Pawnee | 300 gal 20% MCA, 750 gal 20% NEFE | |
| | | | |

| | | | |
|----------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4549</u> Packer At: <u>NA</u> | | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Date of First, Resumed Production, SWD or ENHR. <u>03/05/2013</u> | | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>48</u> | Gas Mcf <u>24</u> | Water Bbls. <u>24</u> |
| Gas-Oil Ratio | | Gravity <u>35</u> | |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>4174 - 4510</u> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 2, 2014

Kenneth Dean
Murfin Drilling Co., Inc.
250 N Water, Ste 300
Wichita, KS 67202-1216

RE: Approved Commingling CO121301
Jones 'A' 1-17, Sec.17-T1S-R37W, Cheyenne County
API No. 15-023-221538-00-00

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 9, 2013, 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 | 12.0 | 0.0 | 21.0 | 4174-4317 |
| Pawnee | 36.0 | 0.0 | 31.0 | 4504-4510 |
| Total Estimated Current Production | 48.0 | 0.0 | 52.0 | |

Based upon the depth of the Pawnee 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 CO121301 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