



**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.*





**Affidavit of Notice Served**

Re: Application for: Application for Commingling of Production

Well Name: Lundgren B #1-36 Legal Location: N2 SE NW NW Sec. 36-14S-30W

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 10th of December, 2015, 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) \_\_\_\_\_

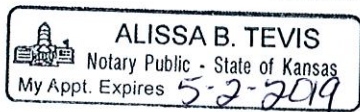
I further attest that notice of the filing of this application was published in the Gove County Advocate, the official county publication of Gove county. A copy of the affidavit of this publication is attached.

Signed this 10th day of December, 2015

*Kenneth Dean*

Applicant of Duly Authorized Agent

Subscribed and sworn to before me this 10th day of December, 2015



*Alissa B. Tevis*  
Notary Public

My Commission Expires: 5-2-2019

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.

**AFFIDAVIT OF PUBLICATION**

State of Kansas,

Gove County, ss:

Roxanne Broeckelman,  
being first duly sworn, deposes and  
says: That she is  
co-publisher of

**Gove County Advocate**, a weekly  
newspaper printed in the State of  
Kansas, and published in and of  
general circulation in Gove County,  
Kansas, with a general paid  
circulation on a weekly basis in  
Gove 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;  
and 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 in  
Quinter in said county as periodical  
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 one  
consecutive week(s), the first  
publication thereof being made as  
aforesaid on the 4th day  
of November, 2015,  
with subsequent publications being  
made on the following dates:

\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_  
\_\_\_\_\_, \_\_\_\_\_

Printer's Fee ..... \$ 19.25  
Additional Copies ..... \$ \_\_\_\_\_  
Affidavit Fees ..... \$ 2.00  
Total Publication Fees \$ 21.25

*Roxanne Broeckelman*

Subscribed and sworn to before me  
this 4th day of  
November, 2015

*Linda L. Zerr*  
Notary Public

My commission expires:  
January 8, 2017

**LEGAL ADVERTISING**  
(Published in the Gove County Advocate, Quinter,  
KS, Wed., November 4, 2015 - 11)

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

**RE:** Murfin Drilling Co., Inc.- Application for  
Commingleing of Production on the Lundgren B #1-  
36, located in Gove County, Kansas.

**TO:** All Oil and Gas Producers, Unleased  
Mineral Interest Owners, Landowners, and all per-  
sons whomever concerned.

You, and each of you, are hereby notified that  
Murfin Drilling Company, Inc. has filed an appli-  
cation for Commingleing of Production from the  
LKC and the Lwr Pawnee at the Lundgren B #1-  
36 well located in the N2 SE NW NW of Sec. 36-  
14S-30W, Gove Co., KS.

Any persons who object to or protest this ap-  
plication 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 them-  
selves accordingly.

**Murfin Drilling Company, Inc.**  
250 N. Water, Suite 300  
Wichita, KS 67202  
316-267-3241

LINDA L. ZERR  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-8-2017



# LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453646	0002062157	Published in the Wichita Eagle October 30,		\$142.60	1	39

**Attention:** jenny smith

MURFIN DRILLING COMPANY, INC.  
 250 N WATER ST  
 SUITE 300  
 WICHITA, KS 67202

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

1 Insertions

Beginning issue of: 10/30/2015

Ending issue of: 10/30/2015

STATE OF KANSAS)

.SS

County of Sedgwick)

**LEGAL PUBLICATION**

Published in the Wichita Eagle  
 October 30, 2015 (2062157)  
 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 Lundgren B #1-36, located in Gove 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 Murfin Drilling Company, Inc. has filed an application for Commingling of Production from the LKC and the Lwr Pawnee at the Lundgren B #1-36 well located in the N2 SE NW NW of Sec. 36-14S-30W, Gove 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

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 from **10/30/2015** to **10/30/2015**.

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

Mark Fletchall  
 (Signature of Principal Clerk)  
 DATED: 10/30/2015

JLB  
 Notary Public Sedgwick County, Kansas

JENNIFER RAE BAILEY  
 Notary Public - State of Kansas  
 My Appt. Expires: 6/14/2017

U-8 page 3 attachment  
Offset Operators and Unleased Mineral Owners

Murfin Drilling Company, Inc  
Commingling Application  
Lundgren B #1-36  
N2 SE NW NW  
Sec. 36-14S-30W  
Gove Co., KS

Name	Leasehold
Murfin Drilling Company, Inc. 250 N Water Wichita, KS 67202	NW/4 and SE/4 of Sec. 36-14S-30W
Beren Corp. 2020 N Bramblewood Wichita, KS 67206	NE/4 Sec. 36-14W-30W
Darrel J Lundgren Rev Trst 4003 County Rd 1 Gove, KS 67736	SW/4 Sec. 36-14S-30W
Curtis W. Kuhn 1223 Cleveland St. Great Bend, KS 67530	SW/4 Sec. 25-14S-30W
Mustang Energy Corp. PO Box 1121 Hays, KS 67601	SE/4 Sec. 25-14S-30W
CDK Family Farms 925 Darlow Drive McPherson, KS 67460	SE/4 Sec. 26-14S-30W
High Plains Energy 1505 P.B. Lane, Suite A Wichita Falls, TX 76302	NE/4 Sec. 35-14S-30W
L.D. Drilling Inc. 7 SW 26th Ave. Great Bend, KS 67530	SE/4 Sec. 35-14S-30W



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1241457

Form ACO-1

August 2013

**CONFIDENTIAL**

**WELL COMPLETION FORM**

**WELL**

Form must be Typed  
Form must be Signed  
All blanks must be Filled

**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: Larry Nicholson

Purchaser: \_\_\_\_\_

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
- Plug Back     Conv. to GSW     Conv. to Producer
- Commingled    Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD    Permit #: \_\_\_\_\_
- ENHR    Permit #: \_\_\_\_\_
- GSW    Permit #: \_\_\_\_\_

<u>10/28/2014</u>	<u>11/05/2014</u>	<u>11/25/2014</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 15-063-22232-00-00

Spot Description: \_\_\_\_\_

N2\_SE\_NW\_NW Sec. 36 Twp. 14 S. R. 30  East  West

930 Feet from  North /  South Line of Section

990 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_ Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Gove

Lease Name: Lundgren 'B' Well #: 1-36

Field Name: \_\_\_\_\_

Producing Formation: LKC, Lwr Pawnee

Elevation: Ground: 2656 Kelly Bushing: 2667

Total Vertical Depth: 4445 Plug Back Total Depth: 4417

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 2078 Feet

If Alternate II completion, cement circulated from: 2078

feet depth to: 0 w/ 160 sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: 5000 ppm Fluid volume: 1600 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**

Confidentiality Requested  
Date: 02/11/2015

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: NAOMI JAMES Date: 02/11/2015





1241457

Operator Name: Murfin Drilling Co., Inc. Lease Name: Lundgren 'B' Well #: 1-36  
 Sec. 36 Twp. 14 S. R. 30  East  West County: Gove

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name see attached	Top see attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Datum see attached
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: <b>Attached</b>			

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	220	Class A	180	3% CC
Production	7.8750	5.5000	15.5	4443	EA2	175	10% salt, 5% cal seal, 1/4# per sack flo s

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	-			
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD	-			
<input type="checkbox"/> Plug Off Zone	-			

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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	3968-3973 LKC K		
4	4198-4204 Lower Pawnee		
TUBING RECORD: Size: <u>2.375</u> Set At: <u>4365</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>01/05/2015</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>43</u>	Gas Mcf _____	Water Bbls. <u>41</u> Gas-Oil Ratio _____ Gravity _____

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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: <u>3968-4204</u>
<input type="checkbox"/> Other <i>(Specify)</i> _____		

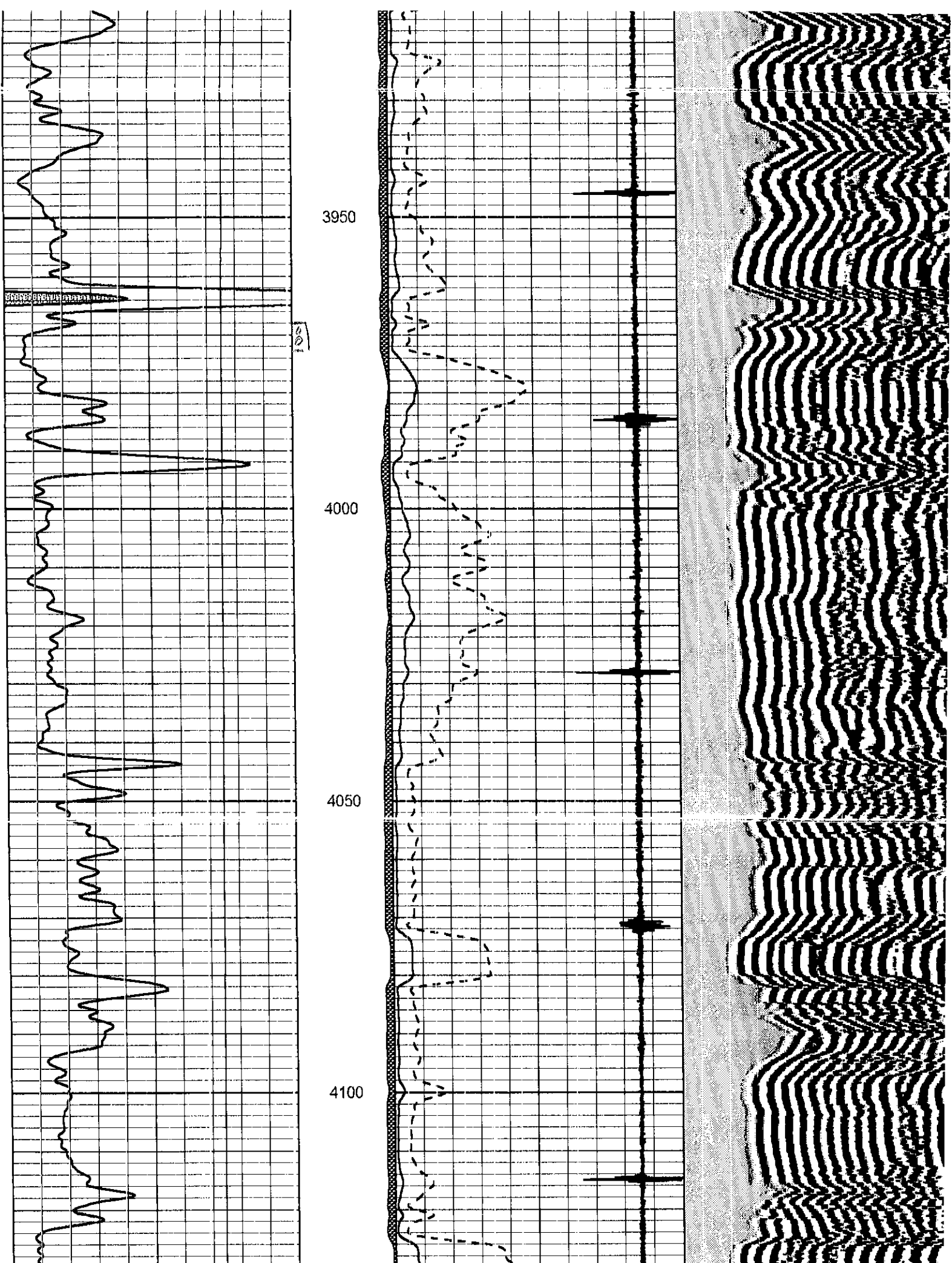


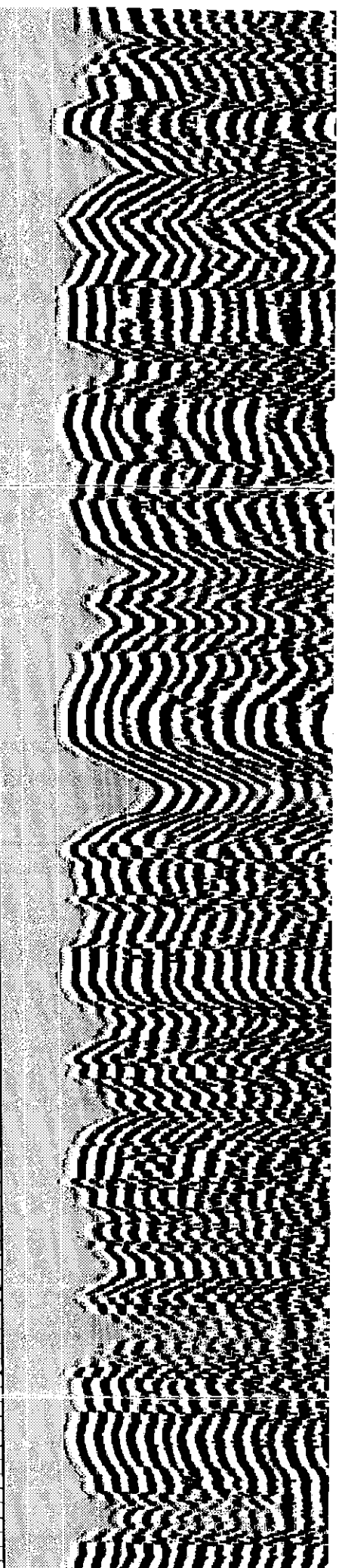
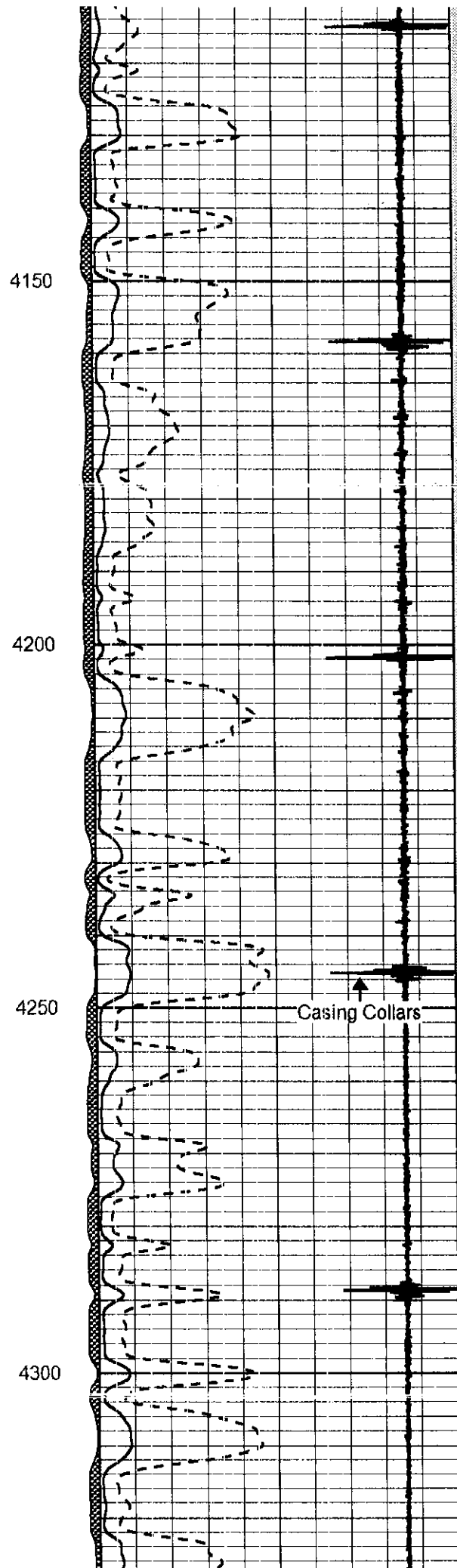
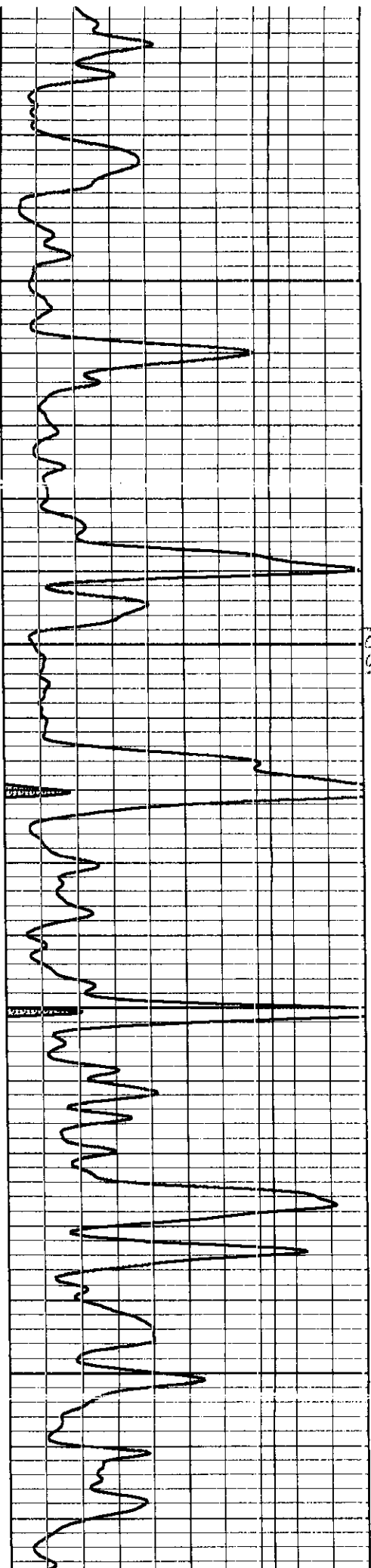
Pioneer Energy Services

WELL FILE

Sonic Cement  
Bond Log

API No.  15-063-22232-00-00	Company Murfin Drilling Company Inc.			Other Services Mast Trailer
	Well Lundgren 'B' No. 1-36			
	Field Wildcat			
	County Gove	State Kansas		
Location 930' FNL & 990' FWL			Elevation K.B. 2667 D.F. G.L. 2656	
Sec:	Twp:	Rge:		
Permanent Datum	Ground Level	Elevation 2656		
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum		
Drilling Measured From	Kelly Bushing			
Run Number	One			
Date Survey	11-14-2014			
Date Cementing	11-06-2014			
Type Cementing Operation	Primary			
Depth Driller	4445			
Depth Logger	4417			
Logged Interval	4415	to	2950	
Casing Driller	5.5	@	TD	
Float Collar -- D.V. Tool	2078			
Squeeze Depth				
Amount & Type Cement				
Amount & Type Admix				
Type Fluid In Hole	Water			
Fluid Level	Full			
Salinity PPM CL				
Weight lb/gal -- Vis.				
Approx. Logged Cement Top	3090			
Calculated Cement Top				
Max. Hole Temperature	122			
Tool No.	D2			
Spacing Recorded	3-5			
Equipment -- Location	71		Hays	
Recorded By	Scott Clermont			
Witnessed By	John Gerstner			





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



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

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

December 28, 2015

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

RE: Approved Commingling CO121503  
Lundgren B 1-36  
API No. 15-063-22232-00-00

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.

Based upon the depth of the Lwr 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).

Sincerely,

Rick Hestermann  
Production Department