



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:

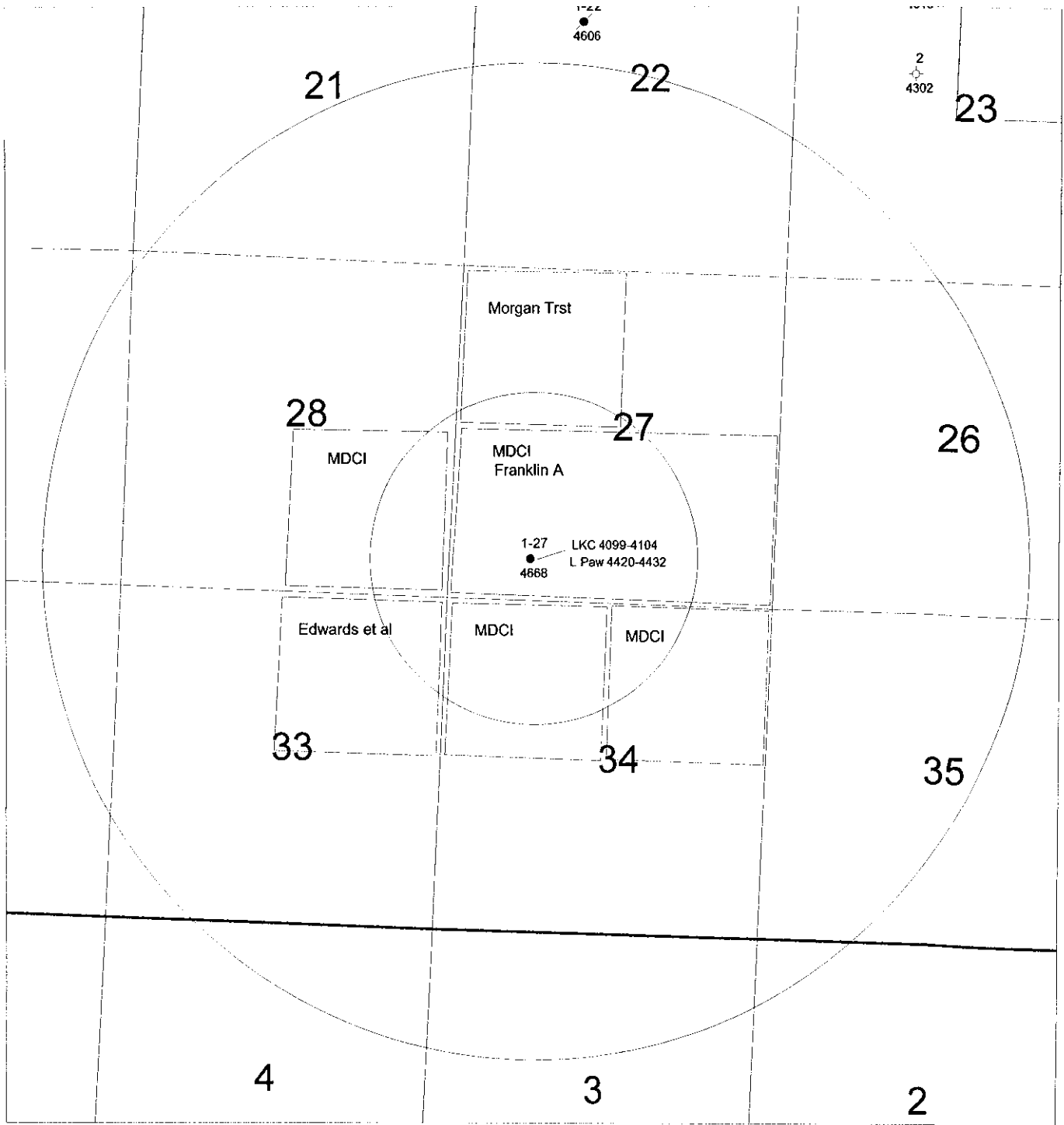
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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.



4-5S / 33W



**Franklin A #1-27, Commingling App.
Sec. 27-4S-33W, Rawlins, Co.**

Author: Date: 5 April, 2016	Horizontal Scale: Contour Interval:
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CERTIFICATE OF SERVICE

Operator, Lessee or Unleased Mineral Owner
Within a ½ mile radius of Murfin Drilling Co., Inc.

Franklin A #1-27
S2 SW
Sec. 27-4S-33W
Rawlins Co., KS

Murfin Drilling Co., Inc. is filing with the Kansas Corporation Commission, Oil & Gas Conservation Division, an Application for Commingling of Production (ACO-4) on the Above referenced well. Pursuant to K.A.R. 82-3-135a (b), you are hereby notified of such action.

Below is all acreage within a ½ mile radius of subject well, then name and address of Operator or unleased mineral owner.

S/2 Sec. 27, SE/4 Sec. 28, NE/4 Sec. 34
all in T4S-R33W

Murfin Drilling Company, Inc.
250 N Water
Wichita, KS 67202

NW/4 Sec. 27-4S-33W

Phillip & Alice Morgan
3425 NW 10th
Gainsville, FL 32605

NE/4 Sec. 33-4S-33W

Neva L Edwards
2725 Willow St.
Hays, KS 67601

Cynthia M Demare
133 Nightingale
Dearborn, MI 48128

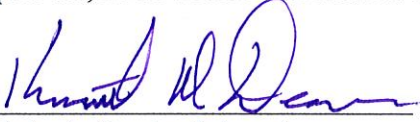
Neyla Jo Makings
2236 Stuart
Longmont, CO 80501

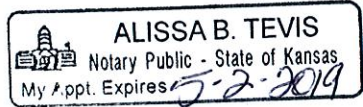
Laverne & Gloria Morgan
RT1 Box 59
Atwood, KS 67730

Dean & Terry Makings
9630 Arroya Ln
Colorado Springs, CO 80908


David & Joy Makings
3405 N 330 East
Kimberly, ID 83341

The undersigned hereby certifies that she/he is a duly authorized agent for the applicant and that on April 6th, 2016 notice was mailed or delivered to the above listed parties.

Signature: 
Applicant or Duly Authorized Agent



Subscribed and swore to me this 6th of April 2016.

Notary Public:  My Commission Expires: 5-2-2019

Affidavit of Publication
STATE OF KANSAS, RAWLINS COUNTY

Lloyd A. Huff,

being first duly sworn, deposes and says:

He is

PUBLISHER-OWNER

of the Rawlins County Square Deal, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Rawlins County, Kansas, and that said newspaper is not a trade, religious nor fraternal publication.

The newspaper is a weekly newspaper published at least weekly 50 times a year, has been so published continuously and uninterruptedly in the county and state for a period of more than one year prior to the first publication of the notice; and has been admitted at the post office of Atwood in Rawlins County as second-class matter.

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

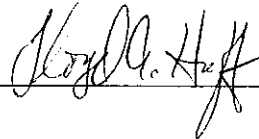
for 1 consecutive weeks, the first publication

being made on the 28th day of January, 2016, with subsequent publications being made on the following dates:

_____, 2016

_____, 2016


_____, 2016



Lloyd A. Huff

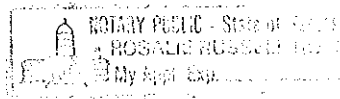
Subscribed and sworn to before me this first day of

February, 2016.



Notary Public

My appointment expires: 4-17-2019



Printer's fee: \$. 53.55

(First published in The Rawlins County Square Deal, Thursday, Jan. 28, 2016 - 1t.)

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 Franklin A #1-27, located in Rawlins 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 Pawnee at the Franklin A #1-27 well located in the S2 SW of Sec: 27-4S-33W, Rawlins, 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



LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453646	0002225465	Published in the Wichita Eagle January 23,		\$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: 01/23/2016

Ending issue of: 01/23/2016

STATE OF KANSAS)

.SS

County of Sedgwick)

LEGAL PUBLICATION

Published in the Wichita Eagle
January 23, 2016 (223465)

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 Franklin A #1-27, located in Rawlins 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 Pawnee of the Franklin A #1-27 well located in the S2 SW of Sec. 27-4S-33W, Rawlins, 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 1/23/2016 to 01/23/2016.

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

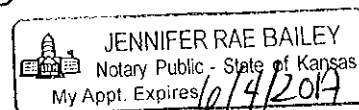
Mark Fletchall

(Signature of Principal Clerk)

DATED: 1/25/2016

JRB

Notary Public Sedgwick County, Kansas





WELL FILE
**DUAL RECEIVER
 CEMENT BOND
 LOG**

Company MURFIN DRILLING COMPANY, INC.
 Well FRANKLIN 'A' #1-27
 Field WILDCAT
 County RAWLINS
 State KANSAS

Company MURFIN DRILLING COMPANY, INC.
 Well FRANKLIN 'A' #1-27
 Field WILDCAT
 County RAWLINS State KANSAS

Location: API #: 15-153-21131-00-00
 660' FSL & 1320' FWL
 SEC 27 TWP 4S RGE 33W
 Permanent Datum GROUND LEVEL Elevation 3123
 Log Measured From KELLY BUSHING 5' A.G.L.
 Drilling Measured From KELLY BUSHING

Other Services

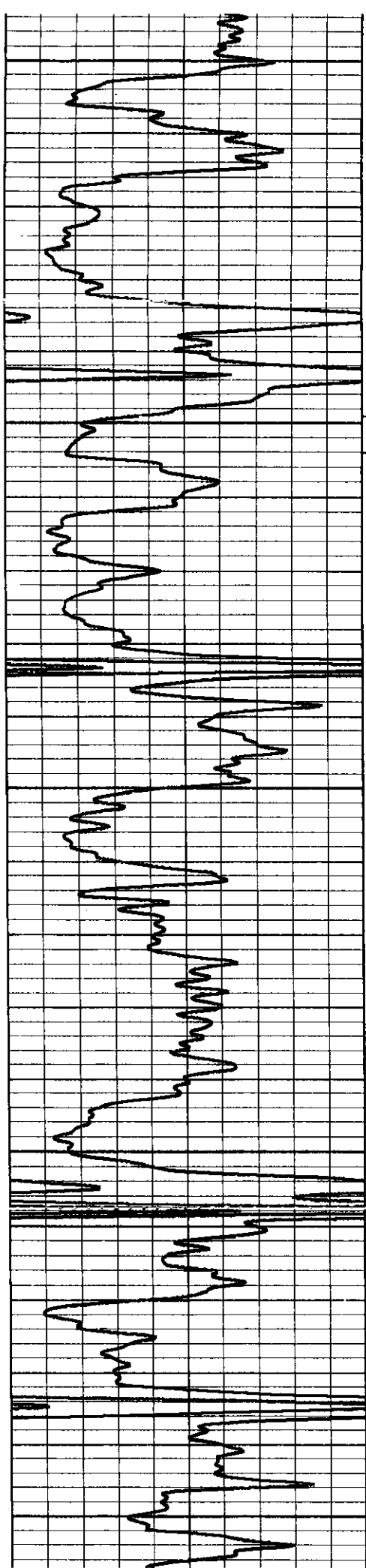
Elevation
K.B. 3128
D.F.
G.L. 3123

Date	JUNE 1, 2015
Run Number	ONE
Depth Driller	4668
Depth Logger	4624
Bottom Logged Interval	4623
Top Log Interval	00
Open Hole Size	///
Type Fluid	WATER
Density / Viscosity	///
Max. Recorded Temp.	123F
Estimated Cement Top	1550
Time Well Ready	///
Time Logger on Bottom	///
Equipment Number	PT-06
Location	HAYS
Recorded By	BOB KLAUS
Witnessed By	GLEN WAHRMAN

Run Number	Borehole Record			Size	Tubing Record		
	Bit	From	To		Weight	From	To
ONE	12.25	00	303				
TWO	7.875	303	4668				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8		00	303
Prot. String				
Production String	5 1/2	15.5#	00	4655
Liner				

A A B B I I D D O O V V V



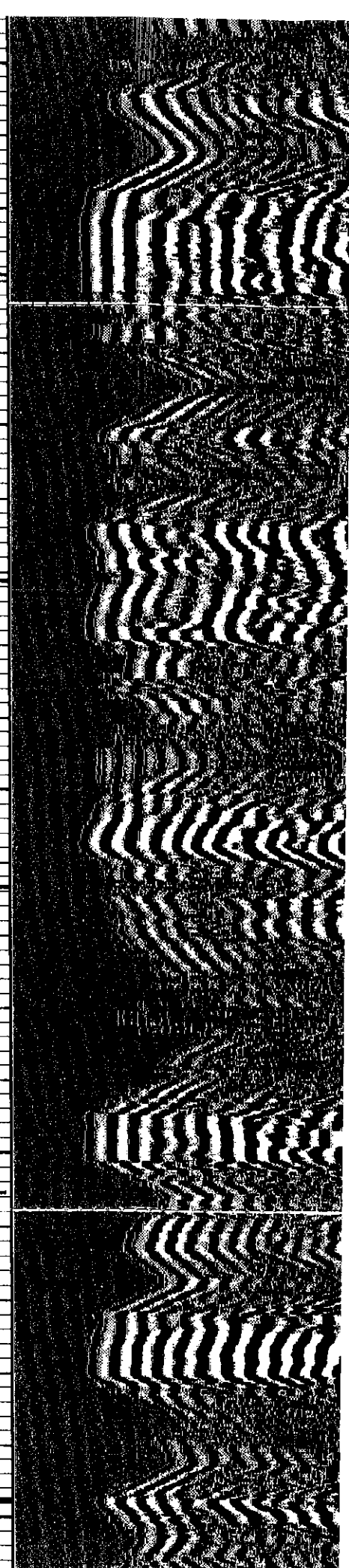
4050

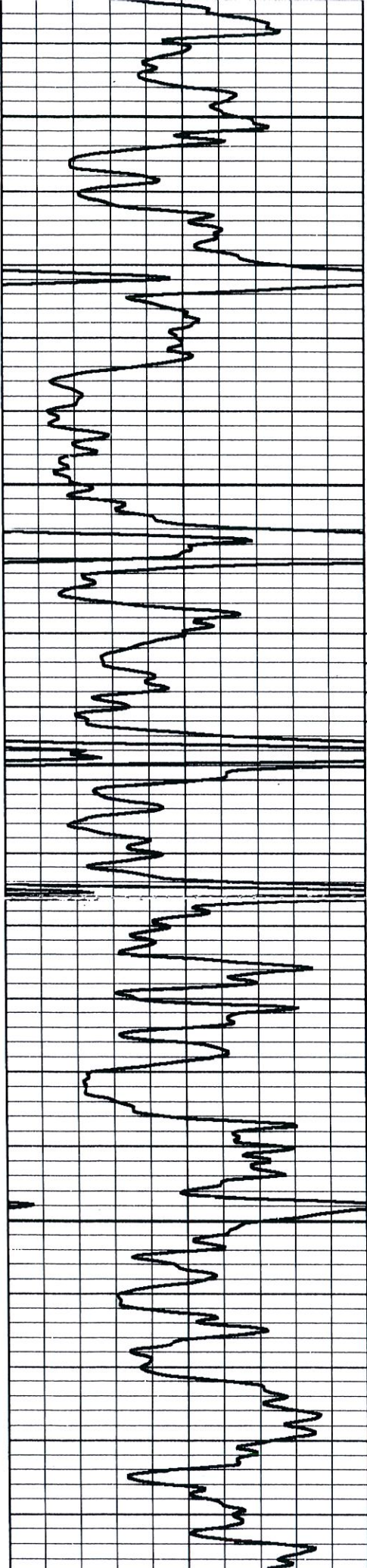
4100
4 SPF

4150

4200

4250





4350

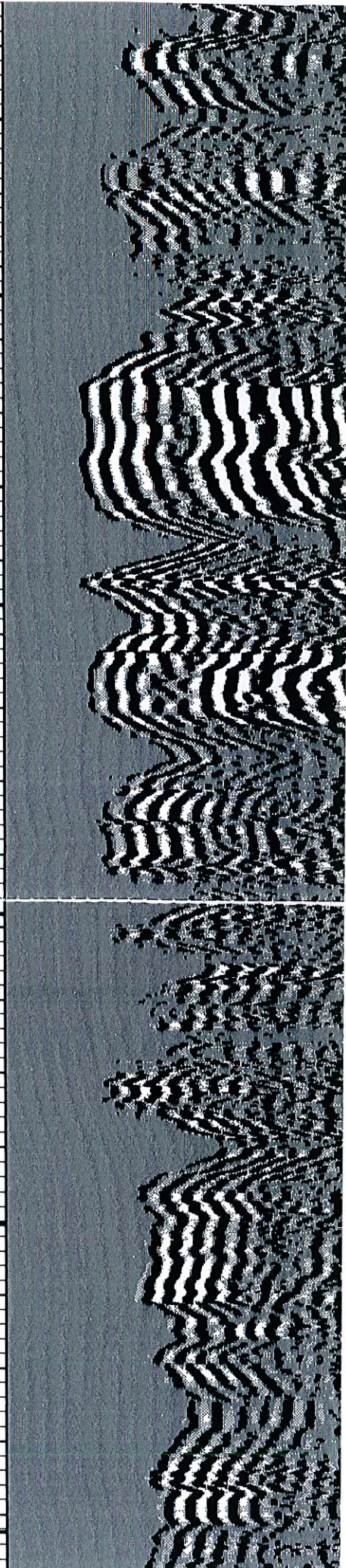
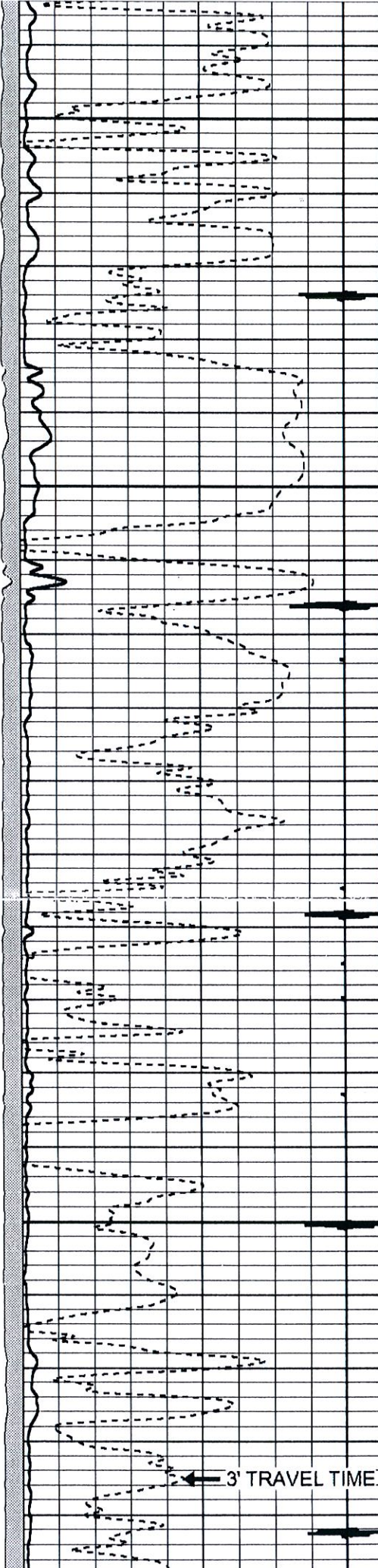
4400

4 SPF

4 SPF

4450

4500





Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1255334
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

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: Francis Hitschmann
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Steve Miller
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
 Oil WSW SWD SIOW
 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 #: _____

04/29/2015 05/07/2015 06/11/2015
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-153-21131-00-00

Spot Description: _____
_____ S2 SW Sec. 27 Twp. 4 S. R. 33 East West
660 Feet from North / South Line of Section
1320 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: Rawlins

Lease Name: Franklin 'A' Well #: 1-27

Field Name: _____

Producing Formation: LKC, Lwr Pawnee

Elevation: Ground: 3123 Kelly Bushing: 3128

Total Vertical Depth: 4668 Plug Back Total Depth: 4624

Amount of Surface Pipe Set and Cemented at: 303 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: 4200 ppm Fluid volume: 700 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: 07/17/2015

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NAOMI JAMES Date: 07/17/2015

1255334



Operator Name: Murfin Drilling Co., Inc. Lease Name: Franklin 'A' Well #: 1-27
 Sec. 27 Twp. 4 S. R. 33 East West County: Rawlins

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. 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 attached	Top attached	Datum attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:	Attached			

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	12.250	8.6250	23	303	Common	275	3% CC
Production	7.8750	5.5000	15.5	4654	CMD, OWC	500	5% Cal-Seal, 10% salt, 1/2# per aes Fibc

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	4099-4104 LKC E/F	250g 15% MCA, 1000g 15% FENE	
4	4420-4424 Lwr Pawnee	300g 15% MCA, 1500g 15% FENE	
4	4428-4432 Lwr Pawnee		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>4472</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR: <u>07/01/2015</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>114</u>	Gas Mcf _____ Water Bbls. <u>10</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)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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 # 30606 API No. 15 - 15-153-21131-00-00
Name: Murfin Drilling Co., Inc. Spot Description: _____
Address 1: 250 N WATER STE 300 S2 SW Sec. 27 Twp. 4 S. R. 33 East West
Address 2: _____ 660 Feet from North / South Line of Section
City: WICHITA State: KS Zip: 67202 + 1216 1320 Feet from East / West Line of Section
Contact Person: Kenneth Dean County: Rawlins
Phone: (316) 267-3241 Lease Name: Franklin 'A' Well #: 1-27

1. Name and upper and lower limit of each production interval to be commingled:
Formation: LKC (Perfs): 4099-4104
Formation: Lwr Pawnee (Perfs): 4420-4432
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: LKC BOPD: 29.6 MCFPD: 0 BWPD: 5
Formation: Lwr Pawnee BOPD: 84.4 MCFPD: 0 BWPD: 5
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.

Signature: *Kenneth Dean*
Printed Name: Kenneth Dean
Title: Production Geologist

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.

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



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

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

Sam Brownback, Governor

April 21, 2016

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

RE: Approved Commingling CO041601
Franklin A 1-27
API No. 15-153-21131-00-00

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