



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:

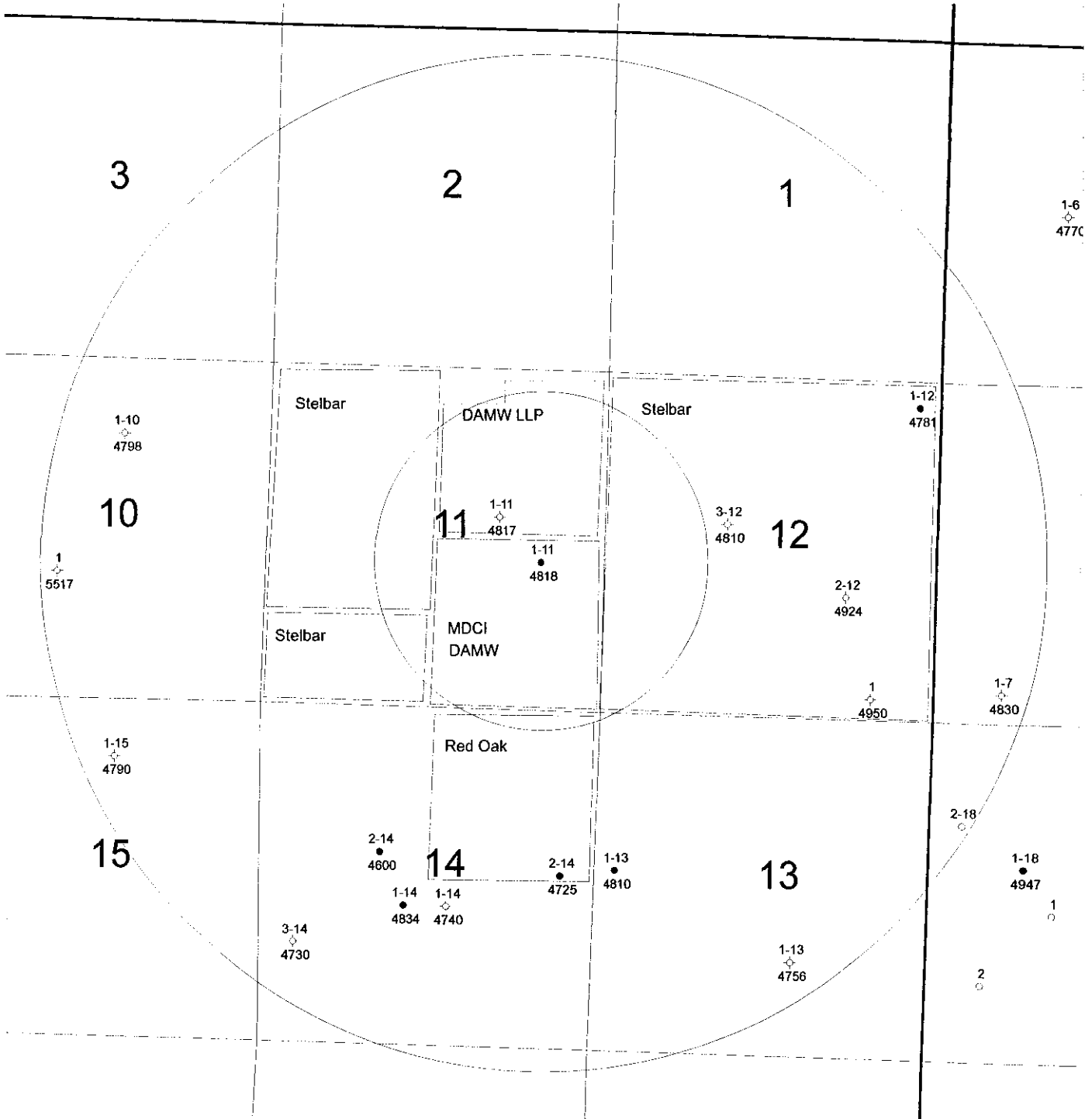
- 7. Well construction diagram of subject well.
- 8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

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.



17 S - 33 W



Commingling Application
DAMW #1-11
Sec. 11-17S-33W, Scott Co., KS

Author: _____ Horizontal Scale: _____
 Date: 7 December, 2015 Contour Interval: _____

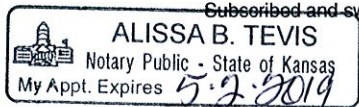
Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name: _____ Murfin Drilling Co., Inc. _____ 250 N. Water, Suite 300 _____ Wichita, KS 67202 _____ Stelbar Oil Corp. _____ 1625 N Waterfront Pkwy, Ste 200 _____ Wichita, KS 67206 _____ Red Oak Energy _____ 7701 E Kellogg, Ste 710 _____ Wichita, KS 67207 _____ Donald Wiechman, DAMW LLC _____ 915 Crescent Ave _____ Scott City, KS 67871 _____	Legal Description of Leasehold: _____ SE/4 Sec. 11-17S-33W _____ _____ _____ W/2 Sec.11, Sec. 12-17S-33W _____ _____ _____ NE/4 Sec. 14-17S-33W _____ _____ _____ E/2 Sec. 11-17S-33W _____ _____ _____
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I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or Duly Authorized Agent



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

Notary Public

My Commission Expires: 5-2-2019

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 Notice Served

Re: Application for: Application for Commingling of Production
Well Name: DAMW #1-11 Legal Location: S2 NW NE SE Sec.11-17S-33W

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.

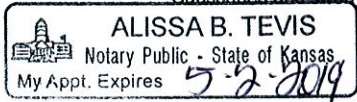
Name Address (Attach additional sheets if necessary)

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

Signed this 10th day of December, 2015

Applicant of Duly Authorized Agent

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



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.

Proof of Publication

Affidavit of Publication

STATE OF KANSAS, SCOTT COUNTY, ss:

Rodney R. Haxton, being first duly sworn, deposes and says that he is editor of The Scott County Record, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Scott County, Kansas, with a general paid circulation and that said newspaper is not a trade, religious or fraternal publication.

Said newspaper is a weekly, published at least 50 times a year in said county, and has been admitted as second class matter at the post office of Scott City in said county.

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 29 day of October, 2015, with subsequent publications being made on the following dates:

_____, 20____
_____, 20____
_____, 20____
_____, 20____

Publication Fee \$ 39.20
Affidavit, Notary Fee \$ 2
Additional Copies @ _____ \$ _____
Total Publication Fee \$ 39.20

R R Haxton

Publisher

nd sworn to before me this 4 day of October, 2015.

KATHRYN RANAE HAXTON
Notary Public
State of Kansas
My Commission Expires 8/8/17

Kathryn R Haxton

Notary Public

My commission expires 8/8/17

Public Notice

(Published in The Scott County Record Thurs. Oct. 29, 2015)11

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 DAMW #1-11, located in Scott 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 Johnson and Basal Penn at the DAMW #1-11 well located in the S2 NW NE SE of Sec. 11-17S-33W, Scott 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

10/29



LEGAL PROOF OF PUBLICATION

Account #	Ad Number	Identification	PO	Amount	Cols	Lines
453646	0002062167	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 (2002167)

BEFORE THE STATE
CORPORATION COMMISSION
OF THE STATE OF KANSAS

NOTICE OF FILING APPLICATION

RE: Murfin Drilling Co., Inc. Application for Commencing of
Production on the DAMW #1-11, located in Scott 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 Commencing of
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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, deposes 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

JBA
Notary Public Sedgwick County, Kansas

JENNIFER RAE BAILEY
Notary Public - State of Kansas
My Appt. Expires 12/14/2017

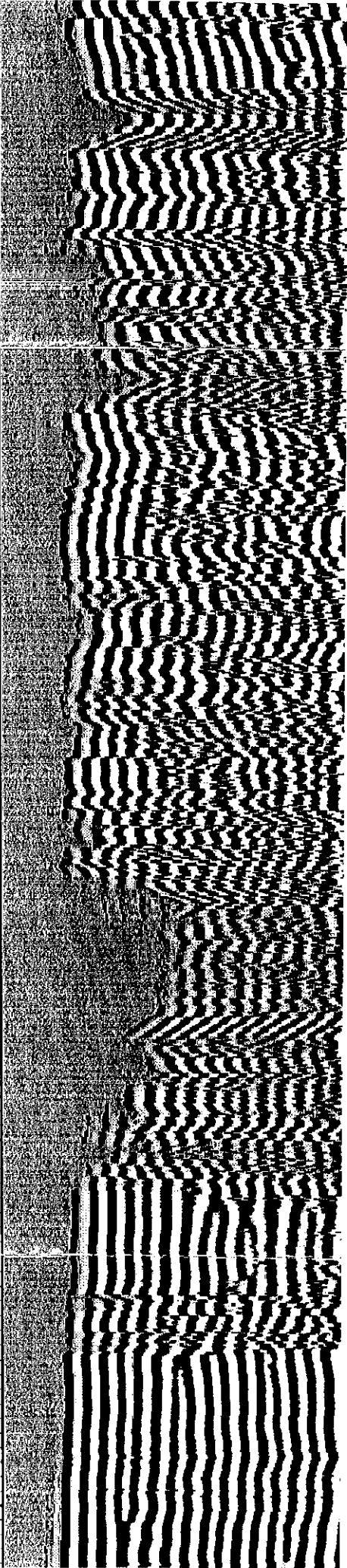
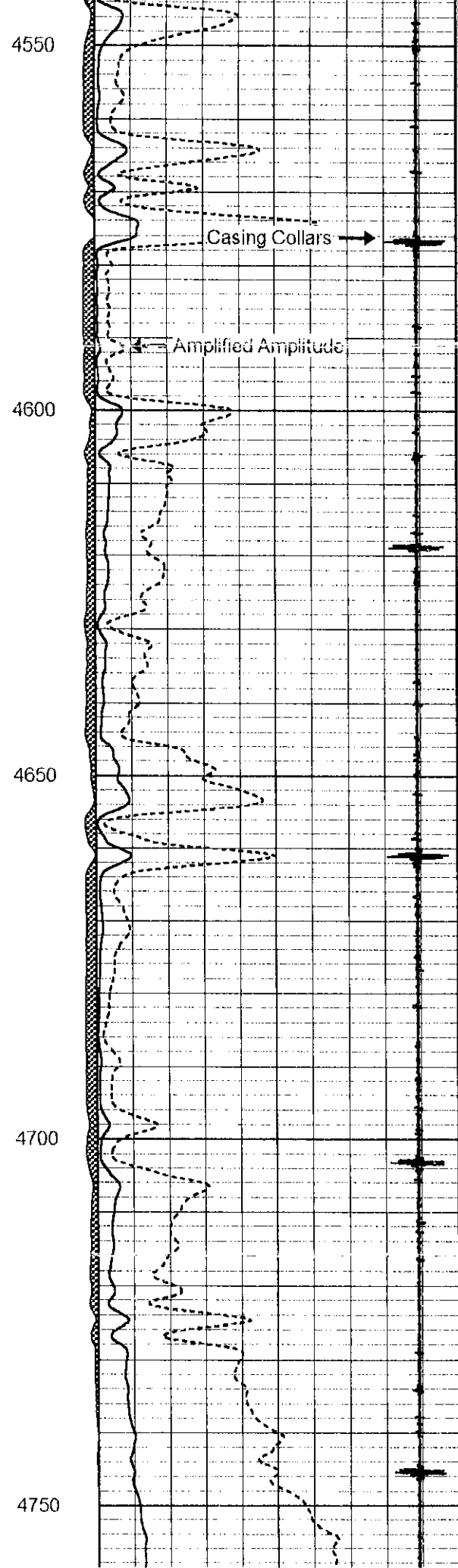
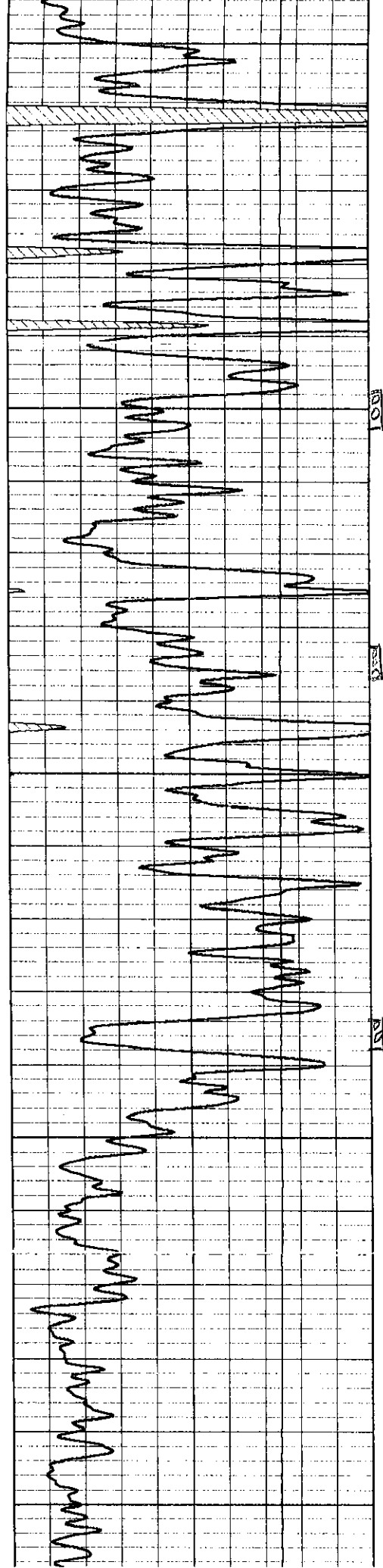
Local Paper
cc pd.


PIONEER

Pioneer Energy Services

FILE
**Sonic Cement
Bond Log**

API No.	Company Murfin Drilling Company, Inc.		
15-171-21073-00-00	Well	DAMW No. 1-11	
	Field	Wildcat	
	County	Scott	State Kansas
	Location	2305' FSL & 990' FEL	
	Sec: 11	Twp: 17S	Rge: 33W
Permanent Datum	Ground Level	Elevation 3007	
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
		Elevation	
		K.B. 3018	
		D.F. 3018	
		G.L. 3007	
Run Number	One		
Date Survey	12/22/2014		
Date Cementing	12/10/2014		
Type Cementing Operation	Primary		
Depth Driller	4818		
Depth Logger	4782		
Logged Interval	4780	to	3900
Casing Driller	5.5	@	T.D.
Float Collar -- D.V. Tool	 		2388
Squeeze Depth	 		
Amount & Type Cement	 		
Amount & Type Admix	 		
Type Fluid In Hole	Water		
Fluid Level	400		
Salinity PPM CL	 		
Weight lb/gal -- Vis.	 		
Approx. Logged Cement Top	4040		
Calculated Cement Top	 		
Max. Hole Temperature	124		
Tool No.	R-1		
Spacing Recorded	3-5		
Equipment -- Location	6		Colby
Recorded By	K. Ladrigan		
Witnessed By	John Gerstner		





Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1246118
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: 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>11/29/2014</u>	<u>12/09/2014</u>	<u>01/22/2015</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-171-21073-00-00

Spot Description: _____

S2 NW NE SE Sec. 11 Twp. 17 S. R. 33 East West
2305 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: Scott

Lease Name: DAMW Well #: 1-11

Field Name: _____

Producing Formation: Johnson, Basal Penn

Elevation: Ground: 3007 Kelly Bushing: 3018

Total Vertical Depth: 4818 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 269 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2387 Feet

If Alternate II completion, cement circulated from: 2387

feet depth to: 0 w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 8000 ppm Fluid volume: 1800 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: 03/27/2015
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 03/30/2015



1246118

Operator Name: Murfin Drilling Co., Inc. Lease Name: DAMW Well #: 1-11
Sec. 11 Twp. 17 S. R. 33 East West County: Scott

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 (Attach Additional Sheets) [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run: Attached

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

Did you perform a hydraulic fracturing treatment on this well? [X] Yes [] No
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? [] Yes [X] No
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? [] Yes [] No

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, Footage, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), Depth

TUBING RECORD: Size: 2.375 Set At: 4637 Packer At: Liner Run: [] Yes [] No

Date of First, Resumed Production, SWD or ENHR. 02/03/2015
Producing Method: [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours: Oil 12 Bbls., Gas Mcf, Water 24 Bbls., Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [] Vented [] Sold [] Used on Lease
METHOD OF COMPLETION: [] Open Hole [X] Perf. [] Dually Comp. [] Commingled [] Other (Specify)
PRODUCTION INTERVAL: 4598-4688

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 CO121502
Damw 1-11
API No. 15-171-21073-00-00

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 Basal Penn 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