



Mark Parkinson, Governor
Thomas E. Wright, Chairman
Michael C. Moffet, Commissioner
Joseph F. Harkins, Commissioner

April 29, 2010

Loveness Mpanje
F. G. Holl Company, LLC
9431 E. Central, Suite 100
Wichita, KS 67206

RE: Approved Commingling CO041004
Ingalls OWWO 1-12, Sec. 12-T20S-R14W, Barton County
API No. 15-009-25282-00-01

Dear Ms. Mpanje:

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 April 16, 2010 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	
Lansing-Kansas City	18	0	3.34	3362-3370, 3290-3294, 3301-3305
Arbuckle	22	0	26.00	3516-3524, 3527-3533
Total Estimated Current Production	40	0	29.34	

Based upon the depth of the Arbuckle formation perforations, total oil production shall not exceed 100 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

Docket Number CO041004 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

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802
(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>

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 # CO 041004

OPERATOR: License # 5056
Name: F.G. Holl Company, L.L.C.
Address 1: 9431 E. Central, Suite 100
Address 2: _____
City: Wichita State: KS Zip: 67206 + _____
Contact Person: Loveness Mpanje
Phone: (316) 684-8481, Ext. 216

API No. 15 - 009-25,282-0001
Spot Description: _____
NE NE SE NE Sec. 12 Twp. 20 S. R. 14 East West
3,810 Feet from North / South Line of Section
165 Feet from East / West Line of Section
County: Barton
Lease Name: INGALLS "OWWO" Well #: 1-12

1. Name and upper and lower limit of each production interval to be commingled:
Formation: Lansing-Kansas City (Perfs): 3362'-70', 3290'-94', 3301'-3305'
Formation: Arbuckle (Perfs): 3516'- 3524', 3527'- 3533'
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____
Formation: _____ (Perfs): _____

2. Estimated amount of fluid production to be commingled from each interval:
Formation: Lansing-Kansas City BOPD: 18 MCFPD: 0 BWPD: 3.34
Formation: Arbuckle BOPD: 22 MCFPD: 0 BWPD: 26
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.

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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.

CONSERVATION DIVISION
WICHITA, KS

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: Loveness Mpanje
Printed Name: Loveness Mpanje
Title: Petroleum Geologist

KCC Office Use Only
 Denied Approved
15-Day Periods Ends: _____
Approved By: _____ Date: 4/29/2010

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.

*BEFORE THE
STATE CORPORATION COMMISSION OF THE STATE OF KANSAS:
NOTICE OF FILING APPLICATION FOR COMMINGLING OF PRODUCTION*

March 24, 2010

RE: F.G. Holl Company, L.L.C. – Application for order to commingle production from the Lansing-Kansas City & Arbuckle Formations at the Ingalls “OWWO” #1-12; Barton County, Kansas.

TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whosoever concerned.

You, and each one of you, are hereby notified that F.G. Holl Company, L.L.C. has filed an application to commingle production from the Lansing-Kansas City & Arbuckle Formations at its Ingalls “OWWO” #1-12 well, located NE NE SE NE Sec. 12-20S-14W, Barton County, Kansas.

Any persons who object or protest against this application shall be required to file their concerns with the Conservation Division of the State Corporation Commission of the State of Kansas within 15 days from the date of the publication. These protests shall be filed pursuant to Commission’s 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.

F.G. Holl Company, L.L.C.
9431 E. Central, Suite 100,
Wichita, KS. 67206
(316) 684-8481

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CONSERVATION DIVISION
WICHITA, KS

Operator Name: F.G. Holl Company, L.L.C. Lease Name: INGALLS "OWWO" Well #: 1-12
 Sec. 12 Twp. 20 S. R. 14 East West County: Barton

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: CDL/CNL ML BHCS/DIL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See original ACO-1
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CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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	12-1/4"	8-5/8"	23#	801'	A-Con	175sx	
					Common	150sx	
Production	7-7/8"	5-1/2"	14#	3674'	60/40Poz & AA2	25 & 125sx	

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				

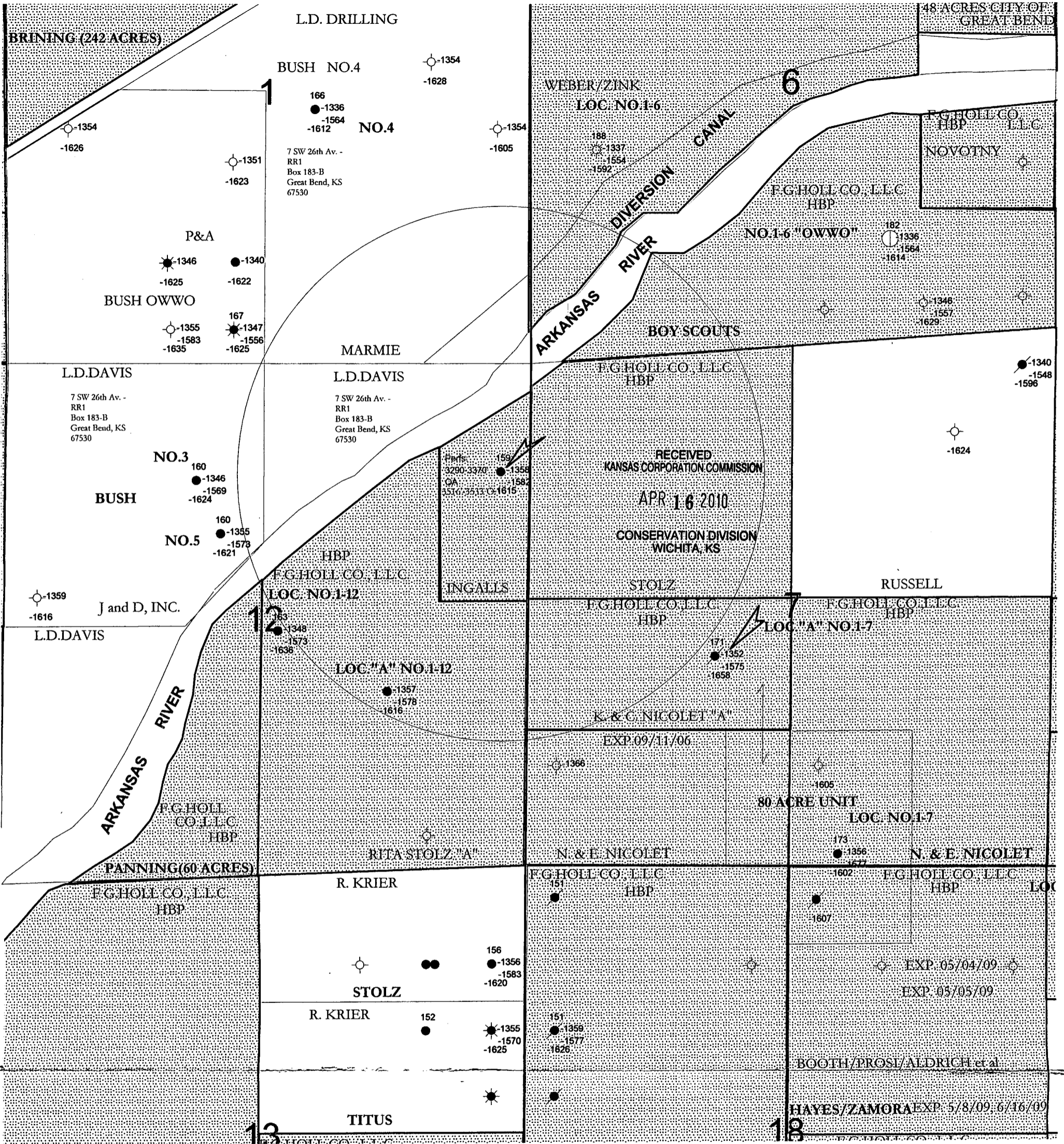
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	3516' - 3524', 3527' - 3533' Arbuckle	Treat w/ 750 gal 15% dsfe acid.	
		Retreat perms w/ 1500 gal 15% dsfe acid	

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3610'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First. Resumed Production, SWD or Enhr. <u>03/19/2010</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>40</u>	Gas Mcf <u>0</u>	Water Bbls. <u>30</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 checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3516 - 3533' OA Arbuckle</u> <u>3362'-70, 3290'-94', 3301'-05 LKC</u>
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20S-14W; Barton County



Company F. G. Holl Company, L.L.C.		
Project Ingalls 1-12 - Commingling Application Prospect Great Bend 3-D T20S-R14W		
Author: L. Mpanje	Exploration Manager: Franklin R. Greenbaum	Date: 24 March, 2010
Scale: 1: 12,000		

Certificate of Service

F.G. Holl Company, L.L.C.

March 24, 2010

Re: Commingling Application for Ingalls "OWWO" #1-12

I hereby certify that F.G. Holl Company, L.L.C. has sent out copies of the commingling application notice to the parties listed below as follows:

Name

Address

L.D. Drilling

7 SW 26th Avenue, RR1, Box 183-B
Great Bend, KS. 67530

Loveness Mpanje

Loveness Mpanje
Petroleum Geologist
F.G. Holl Company, L.L.C.
9431 E. Central, Suite 100
Wichita, KS. 67206
(316) 684-8481, ext. 216

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Advertising Invoice

Great Bend Tribune
 PO BOX 228, 2012 FOREST AVE
 GREAT BEND, KS 67530
 Phone: (620) 792-1211
 Fax: (620) 792-3441

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Loveness Mpanje
 *F.G. Holl Company, L.L.C.
 9431 E. Central
 Suite 100
 WICHITA, KS 67206

Cust#: 01102427-000
 Phone: (316)684-8481
 Date: 04/14/10
 Due Date: 05/05/10

Ad#	Text	Start	Stop	Days	Amount	Prepaid	Due
02634150-001	Notice of filin	04/14/10	04/14/10	1	36.11	0.00	36.11

(FIRST published in the Great Bend Tribune April 14, 2010)
 BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS
 NOTICE OF FILING APPLICATION FOR COMMINGLING OF PRODUCTION
 March 24, 2010
 RE: F.G. Holl Company, L.L.C.
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 TO: All Oil and Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whosoever concerned.
 You, and each one of you, are hereby notified that F.G. Holl Company, L.L.C. has filed an application to commingle production from the Lansing, Kansas City & Arbuckle Formations at the Ingalls OWWO #1-12 well, located NE NE SE NE Sec. 12-20S-14W, Barton County, Kansas.
 Any persons who object or protest against this application shall be required to file their concerns with the Conservation Division of the State Corporation Commission of the State of Kansas within 15 days from the date of the publication. These protests shall be filed pursuant to Commission's 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.
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 Wichita, KS 67206
 (316) 684-8481

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CONSERVATION DIVISION
 WICHITA, KS

Please return a copy with payment

Total Due

36.11

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 4 issues - weeks, that the first publication of said notice was

made as aforesaid on the 28th of

March A.D. 2010, 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

10th day of March, 2010

My Appt. Expires 3-15-2015
Notary Public - State of Kansas
LINDA D. TOON

Linda D. Toon
Notary Public Sedgwick County, Kansas

Printer's Fee : \$148

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F.G. Holl Company, L.L.C. 9431 E. Central Suite 100, Wichita, KS. 67206 (316) 848-8848

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