

Kansas Department of Agriculture  
Division of Water Resources  
**PERMIT OF NEW APPLICATION WORKSHEET**

1. File Number: <b>50,229</b>	2. Status Change Date: <b>6/24/2019</b>	3. Field Office: <b>01</b>	4. GMD: <b>0</b>
5. Status: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied by DWR/GMD <input type="checkbox"/> Dismiss by Request/Failure to Return			
6. Enclosures: <input checked="" type="checkbox"/> Check Valve <input checked="" type="checkbox"/> N of C Form <input type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
7a. Applicant(s) New to system <input type="checkbox"/> Person ID <b>32331</b> Add Seq# _____		7c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
<b>STEVEN R &amp; TERESA J HOLZ 22284 WELLS CREEK RD BELVUE KS 66407</b>			
7b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____		7d. Misc. New to system <input type="checkbox"/> Person ID _____ Add Seq# _____	
7a.			
8. WUR Correspondent New to system <input type="checkbox"/> Person ID _____ Overlap File (s) WUC        Add Seq# _____ Agree <input type="checkbox"/> Yes <input type="checkbox"/> No        Notarized WUC Form <input type="checkbox"/>		9. Use of Water:    Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN <input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON <input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG <input type="checkbox"/> IND    SIC: _____ <input type="checkbox"/> OTHER: _____	
7a.			
10. Completion Date: <b>12/31/2020</b>		11. Perfection Date: <b>12/31/2024</b>	
12. Exp Date: _____			
13. Conservation Plan Required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Required: _____ Date Approved: _____ Date to Comply: _____			
14. Water Level Measuring Device? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date to Comply: _____ Date WLMD Installed: _____			
Date Prepared: <b>5/21/2019</b> By: <b>DWS</b> Date Entered: <b>6/25/2019</b> By: <b>UM</b>			

File No. **50,229**      15. Formation Code: 113      Drainage Basin: **Kansas River**      County: **WB**      Special Use:      Stream:

16. Points of Diversion

T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W
√	46915	NE SE SW	13	10	11E	3	1282	2679

17. Rate and Quantity **MOD ADDL Rate & QTY**

Authorized		Additional		Overlap PD Files
Rate gpm	Quantity af	Rate gpm	Quantity af	
1400	244.2	1400	87.2	40,896; 42,613; & 47,864

18. Storage: Rate \_\_\_\_\_ NF      Quantity \_\_\_\_\_ ac/ft      Additional Rate \_\_\_\_\_ NF      Additional Quantity \_\_\_\_\_ ac/ft

19. Limitation: \_\_\_\_\_ af/yr at \_\_\_\_\_ gpm (\_\_\_\_\_ cfs) when combined with file number(s) \_\_\_\_\_  
 Limitation: **244.2** af/yr at \_\_\_\_\_ gpm (\_\_\_\_\_ cfs) when combined with file number(s) **40,896; 42,613; & 47,864**

20. Meter Required?  Yes  No      To be installed by **12/31/2020**      Date Acceptable Meter Installed \_\_\_\_\_

21. Place of Use

T MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
√	10116	13	10	11E	4									40	40					80	7a.	NO	see below		
MOD	50133	14	10	11E	1											40	24	38	40	142	7a.	NO	see below		

Comments:  
**FILE NOS. 40,896; 42,613; 47,864; AND 50,229 WILL BE A COMPLETE O/L IN PD AND PU (After Changes).**

**KANSAS DEPARTMENT OF AGRICULTURE**  
**Division of Water Resources**  
**M E M O R A N D U M**

**TO:** Files

**DATE:** May 21, 2019

**FROM:** Doug Schemm

**RE:** Application, File No. 50,229

Steven & Teresa Holz have filed the referenced new application to appropriate 244.2 acre-feet of groundwater from an existing well at a rate of 1400 gallons per minute for irrigation use on 222 acres. The well is located in the Southwest Quarter of Section 13, Township 10 South, Range 11 East, Wabaunsee County, within the Kansas River Drainage Basin. Water Right, File Nos. 40,896; 42,613; and 47,864 will create a complete overlap in place of use, once change applications are processed. In addition, these senior files and the new application all overlap in point of diversion. The place of use is solely owned by the applicants, and the application form has been signed stating the applicants have access to the point of diversion.

Water Right, File No. 40,896 is authorized 65 acre-feet, Water Right, File No. 42,613 is authorized 72 acre-feet, and Water Right, File No. 47,864 is authorized 157 acre-feet, limited to 157 acre-feet with these two senior files. The maximum allowable quantity of water to irrigate the proposed acreage of 222 acres, with 1.1 acre-feet per acre in Wabaunsee County would be 244.2 acre-feet. Therefore, this new application will be limited to 244.2 acre-feet when combined with all three senior files. The new application will provide for 87.2 additional acre-feet of water (244.2 AF – 157 AF).

The applicant identified five wells within one-half mile (complying with K.A.R. 5-3-4), two of which are owned by the applicant. Nearby notification letters were sent out on May 8, 2019 to the other well owners. A telephone call was received from one well owner (Paul Schweir) who asked general questions about the application, and wanted to know if he could do the same thing (expand his place of use) for one of his irrigation rights. We talked about filing a new application, changes, and safe yield requirements if he chose to pursue his expanded irrigation project. He expressed no concerns regarding potential impairment to his water rights.

The nearest domestic well is over 1,400 feet away, and the application complies with well spacing criteria of 660 feet to domestic wells. However, this existing well is located 1,278 feet from another irrigation well also owned by the applicant, which is slightly less (42 feet) than the minimum well spacing of 1,320 feet. K.A.R. 5-4-4 provides that the spacing guidelines are not applicable if the required minimum well spacing criteria are not necessary to prevent direct impairment. These wells have operated for many years with no known impairment issues, even though they don't meet minimum well spacing to each other. The wells are producing from the Kansas River alluvium, which is known as a very prolific aquifer. Well logs show significant large gravel content, saturated thicknesses of over 50 feet, and test pumping indicates high transmissivity values. Therefore, per K.A.R. 5-4-4, the required minimum well spacing criteria is not necessary to prevent direct impairment in this specific instance, and the proposed well spacing is sufficient to prevent direct impairment and to protect the public interest. The proposed well is located over ¼ mile from the Kansas River, so no notification of the KRWAD is required.

The well log from the applicant's senior file (40,896) shows sand and gravel extending from 32 feet to 84 feet below ground surface where the well stopped. No bedrock was encountered. Static water level is 27 feet below ground surface, providing 57 feet of saturated thickness. Estimated yield on the well log was 2500 gallons per minute. The source of water is the Kansas River alluvium. K.A.R. 5-3-11 states that calculated recharge in the Kansas River alluvium shall be determined by taking 25% of the average annual rainfall in the area of consideration. For this application, the calculated recharge was determined to be 8.5 inches. The extent of the alluvium for the area of consideration provides a total of 6,599 acres. Based on a potential recharge of 8.5 inches, with 75% available for appropriation, safe yield was determined to be 3,505.78 acre-feet. Existing water rights have appropriated 3,074.65 acre-feet within the area of consideration, leaving 431.13 acre-feet available, and the application requesting 244.2 acre-feet (87.2 AF additional) complies with safe yield.

The applicant has submitted a signed Kansas River Assurance District form, which has been properly notarized. By completing this statement, the applicant affirms his/her knowledge that there could be times when the diversion of water may not be allowed under this permit.

In accordance with K.S.A. 82a-706c, the Chief Engineer retains full authority to require any water user to install meters, gages, or other measuring devices, which devices he or she or his or her agents may read at any time. Water flowmeter requirements are further described in K.A.R. 5-1-4 through K.A.R 5-1-12. If any chemical or foreign substance is injected into the water pumped under this permit, a check valve will also need to be installed.

In a May 16, 2019 e-mail, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced new application. Based on the above discussion, reduced well spacing and safe yield criteria are met, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced new application be approved, in conjunction with the changes in place of use for File Nos. 40,896; 42,613; and 47,864.

Douglas W. Schemm  
Environmental Scientist  
Topeka Field Office

1320 Research Park Drive  
Manhattan, KS 66502  
785-564-6700  
www. agriculture.ks.gov



900 SW Jackson, Room 456  
Topeka, KS 66612  
785-296-3556

Mike Beam, Secretary

Laura Kelly, Governor

FILE COPY

June 26, 2019

STEVEN R & TERESA J HOLZ  
22284 WELLS CREEK RD  
BELVUE KS 66407

RE: Appropriation of Water, File No. 50,229

Dear Mr. and Mrs. Holz:

Enclosed is a permit authorizing you to proceed with construction of the proposed diversion works and to appropriate water for beneficial use as set forth in the permit. Your attention is directed to the enclosures and to the terms, conditions, limitations, and requirements specified in this permit.

Notice must be filed on the enclosed form once the diversion works have been completed. Failure to complete the diversion works within the time allowed, or within any authorized extension of time thereof, will result in dismissal of this permit. If you need an extension of time, you must request it before the deadline for completion set forth in the permit. Any request for an extension of time must be accompanied by the statutorily required fee, which is currently \$100.00.

An acceptable water flowmeter must be installed on the diversion works authorized by this permit prior to using water. An annual water use report must be filed with the Chief Engineer by March 1, following the end of each calendar year. If a complete annual water use report is not received by the deadline, then a fine may be assessed and all water use under such permit or right may be suspended. Reports submitted in paper form will be assessed a \$20 per file number paper filing fee. In order to avoid this filing fee, you may submit your report online at [www.kswaterusereport.org](http://www.kswaterusereport.org).

The approval of your application constitutes a permit to appropriate water. It does not give authority to construct any dam or other stream obstruction regulated by K.S.A. 82a-301 through 305a. It does not give authority to access any right-of-way or authorize trespassing upon or injury to public or private property. It may also be necessary for you to comply with other local, state or federal requirements.

Enclosed is an informational sheet that sets forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your perfected water right. Additional information and applicable forms may be found on our website at [agriculture.ks.gov/divisions-programs/dwr](http://agriculture.ks.gov/divisions-programs/dwr). If you have any questions or need assistance with any of these requirements, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum  
New Application Unit Supervisor  
Division of Water Resources

KAB:dws  
Enclosure(s)

pc: Topeka Field Office

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE  
Mike Beam, Secretary of Agriculture

DIVISION OF WATER RESOURCES  
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION  
and  
PERMIT TO PROCEED**

(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, File No. 50,229 of the applicant

**STEVEN R & TERESA J HOLZ  
22284 WELLS CREEK RD  
BELVUE KS 66407**

for a permit to appropriate water for beneficial use, together with the maps, plans and other submitted data, and that the application is hereby approved and the applicant is hereby authorized, subject to vested rights and prior appropriations, to proceed with the construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a, as amended), and to proceed with all steps necessary for the application of the water to the approved and proposed beneficial use and otherwise perfect the proposed appropriation subject to the following terms, conditions and limitations:

1. That the priority date assigned to such application is **April 1, 2019**.
2. That the water sought to be appropriated shall be used for irrigation use on land, described in the application, as follows:

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
13	10S	11E										40	40					80	
14	10S	11E												40	24	38	40	142	

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Northeast Quarter of the Southeast Quarter of the Southwest Quarter (NE¼ SE¼ SW¼) of Section 13, more particularly described as being near a point 1,282 feet North and 2,679 feet West of the Southeast corner of said section, in Township 10 South, Range 11 East, Wabaunsee County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **1,400 gallons per minute (3.12 c.f.s.)** and to a quantity not to exceed **244.2 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2020** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2024** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.
7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.
8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.
9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.
10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.
11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.
12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.
13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).

14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.

15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

18. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 40,896; 42,613; and 47,864, will provide a **total not to exceed 244.2 acre-feet** of water per calendar year for irrigation use from the point of diversion described herein.

#### **RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW**

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (i.e., **within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, FAX (785) 564-6777.



If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

Ordered this 24<sup>th</sup> day of June, 2019, in Manhattan, Riley County, Kansas.

Lane P. Letourneau

Lane P. Letourneau, P.G.  
Program Manager  
Water Appropriation Program  
Division of Water Resources  
Kansas Department of Agriculture

State of Kansas )  
                                  ) SS  
County of Riley )

The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of June, 2019, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

**CERTIFICATE OF SERVICE**

On this 26<sup>th</sup> day of June, 2019, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 50,229, dated June 24<sup>th</sup>, 2019 was mailed postage prepaid, first class, US mail to the following:

STEVEN R & TERESA J HOLZ  
22284 WELLS CREEK RD  
BELVUE KS 66407

With photocopies to:

Topeka Field Office

Danielle Wilson

Division of Water Resources

# THE STATE OF KANSAS



**KANSAS DEPARTMENT OF AGRICULTURE**  
Mike Beam, Acting Secretary of Agriculture

**DIVISION OF WATER RESOURCES**  
David W. Barfield, Chief Engineer

File Number 50229  
This item to be completed by the Division of Water Resources.

Water Resources  
Received

APR 01 2019  
1:20

APPLICATION COMPLETE  
6/11/19  
Reviewer WRB

**APPLICATION FOR PERMIT TO  
APPROPRIATE WATER FOR BENEFICIAL USE** Dept Of Agriculture  
Filing Fee Must Accompany the Application  
(Please refer to Fee Schedule attached to this application form.)

*To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,  
1320 Research Park Drive, Manhattan, KS 66502:*

1. Name of Applicant (Please Print): STEVEN R & TERESA J HOLZ  
Address: 22284 WELLS CREEK RD  
City: BELVUE State: KS Zip Code 66407  
Telephone Number: (785)456-3303 holzfarms27@gmail.com

2. The source of water is:  surface water in \_\_\_\_\_ (stream)  
OR  groundwater in KANSAS RIVER \_\_\_\_\_ (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 244.2 acre-feet OR \_\_\_\_\_ gallons per calendar year, to be diverted at a maximum rate of 1400 gallons per minute OR \_\_\_\_\_ cubic feet per second.

Once your application has been assigned a priority, the requested maximum rate of diversion and maximum requested quantity of water under that priority number can **NOT** be increased. Please be certain your requested maximum rate of diversion and maximum quantity of water are appropriate and reasonable for your proposed project and are in agreement with the Division of Water Resources' requirements.

4. The water is intended to be appropriated for (Check use intended):  
(a)  Artificial Recharge (b)  Irrigation (c)  Recreational (d)  Water Power  
(e)  Industrial (f)  Municipal (g)  Stockwatering (h)  Sediment Control  
(i)  Domestic (j)  Dewatering (k)  Hydraulic Dredging (l)  Fire Protection  
(m)  Thermal Exchange (n)  Contamination Remediation

YOU **MUST** COMPLETE AND ATTACH ADDITIONAL DIVISION OF WATER RESOURCES FORM(S) PROVIDING INFORMATION TO SUBSTANTIATE YOUR REQUEST FOR THE AMOUNT OF WATER FOR THE INTENDED USE REFERENCED ABOVE.

<b>For Office Use Only:</b>							
F.O. <u>1</u>	GMD <u>0</u>	Meets K.A.R. 5-3-1 (YES / NO) Use <u>1RR</u>	Source <u>G/S</u>	County <u>WB</u>	By <u>DAW</u>	Date <u>4/11/19</u>	
Code <u>REG</u>	<u>RE2</u>	Fee \$ <u>300</u>	TR # _____	Receipt Date <u>4/11/19</u>	Check # <u>3142</u>		

SCANNED 4/11/2019 UCM

5. The location of the proposed wells, pump sites or other works for diversion of water is:

**Note:** For the application to be accepted, the point of diversion location must be described to at least a 10 acre tract, unless you specifically request a 60 day period of time in which to locate the site within a specifically described, minimal legal quarter section of land.

- (A) One in the **NE** quarter of the **SE** quarter of the **SW** quarter of Section 13, more particularly described as being near a point **1282** feet North and **2679** feet West of the Southeast corner of said section, in Township **10** South, Range **11 EAST**, WABAUNSEE \_\_\_\_\_ County, Kansas.
- (B) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (C) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.
- (D) One in the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of the \_\_\_\_\_ quarter of Section \_\_\_\_\_, more particularly described as being near a point \_\_\_\_\_ feet North and \_\_\_\_\_ feet West of the Southeast corner of said section, in Township \_\_\_\_\_ South, Range \_\_\_\_\_ East/West (circle one), \_\_\_\_\_ County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

6. The owner of the point of diversion, if other than the applicant is (please print):

Steven A Holz 22284 Wells Creek Rd Belvue, KS 66407 785-456-3303  
(name, address and telephone number)

You must provide evidence of legal access to, or control of, the point of diversion from the landowner or the landowner's authorized representative. Provide a copy of a recorded deed, lease, easement or other document with this application. In lieu thereof, you may sign the following sworn statement:

I have legal access to, or control of, the point of diversion described in this application from the landowner or the landowner's authorized representative. I declare under penalty of perjury that the foregoing is true and correct.

Executed on April 1st, 2019. Steven A Holz  
Applicant's Signature

7. The proposed project for diversion of water will consist of ONE WELL  
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) Summer 2019  
(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was Water Resources or is estimated to be Summer 2019  
Received (Mo/Day/Year)

APR 01 2019

KS Dept Of Agriculture

SCANNED

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?

Yes  No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources?  Yes  No

• If yes, show the Water Structures permit number here \_\_\_\_\_

• If no, explain here why a Water Structures permit is not required \_\_\_\_\_

GROUNDWATER WELL

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

(a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.

(b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.

(c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.

(d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.

(e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

PD OVERLAP WITH 40,896; 42,613; AND 47,864.

PU CHANGES ON SENIOR FILES WILL CREATE A COMPLETE OVERLAP IN PLACE OF USE.

Water Resources  
Received

APR 01 2019

13. Furnish the following well information if the proposed appropriation is for the use of groundwater. If the well has not been completed, give information obtained from test holes, if available.

Information below is from:  Test holes  Well as completed  Drillers log attached

Well location as shown in paragraph No.	(A)	(B)	(C)	(D)
Date Drilled	_____	_____	_____	_____
Total depth of well	_____	_____	_____	_____
Depth to water bearing formation	_____	_____	_____	_____
Depth to static water level	_____	_____	_____	_____
Depth to bottom of pump intake pipe	_____	_____	_____	_____

14. The relationship of the applicant to the proposed place where the water will be used is that of OWNER  
(owner, tenant, agent or otherwise)

15. The owner(s) of the property where the water is used, if other than the applicant, is (please print):

\_\_\_\_\_  
(name, address and telephone number)

\_\_\_\_\_  
(name, address and telephone number)

16. The undersigned states that the information set forth above is true to the best of his/her knowledge and that this application is submitted in good faith.

Dated at Manhattan, Kansas, this 1 day of April, 2019.  
(month) (year)

+ Steven R. Holby  
(Applicant Signature)

By \_\_\_\_\_  
(Agent or Officer Signature)

\_\_\_\_\_  
(Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO Date: 3/25/2019  
(office/title)

Water Resources  
Received

APR 01 2019

KS Dept Of Agriculture

SCANNED

**IRRIGATION USE  
SUPPLEMENTAL SHEET**

File No. 50229

Name of Applicant (Please Print): STEVEN R & TERESA J HOLZ

1. Please supply the name and address of each landowner, the legal description of the lands to be irrigated, and designate the actual number of acres to be irrigated in each forty acre tract or fractional portion thereof:

**Landowner of Record** NAME: STEVEN R & TERESA J HOLZ

ADDRESS: 22284 WELLS CREEK RD, BELVUE, KS 66407

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13	10	11E										40	40					80	
14	10	11E												40	24	38	40	142	

**TOTAL = 222**

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

**Landowner of Record** NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Water Resources  
Received

APR 01 2019

## Krueger, Richelle [KDA]

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**From:** Schemm, Doug [KDA]  
**Sent:** Monday, June 10, 2019 3:42 PM  
**To:** Krueger, Richelle [KDA]  
**Subject:** RE: Steven Holz New App File No. 50229, 40896,42613 and 47864

Hello Richelle,

I was gone most of last week, so been catching up on all my e-mail traffic. Beautiful, sunny day and way too nice to be at work!!

Yes, Steve just recently bought this ground and stopped by here to get water to it as soon as he could.

No rate limitation, so he has an opportunity to perfect more rate if he can, however I would guess the well will be self-limiting anyway.

Thanks for all the good work,

Doug

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**From:** Krueger, Richelle [KDA]  
**Sent:** Monday, June 10, 2019 3:29 PM  
**To:** Schemm, Doug [KDA] <Doug.Schemm@ks.gov>  
**Subject:** Steven Holz New App File No. 50229, 40896,42613 and 47864

Hi Doug,

How's it going in TFO today? Pretty quiet here today! Hey I have begun looking at this package and wanted to double check with you on the ownership on the new acres to be authorized in the W½SE¼ of 14-10S-11E. The apps show Holz but Wabaunsee ORKA shows Mark J. and L.J. Seele? Did Holz recently buy this from Seele or is ORKA outdated?

Also, I just wanted to confirm that you do not want a rate limitation on the new app, correct?

Thanks, as always, for any info you have on this one!

Richelle

# 50,229

**Schemm, Doug [KDA]**

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**From:** Tietsort, Katie [KDA]  
**Sent:** Thursday, May 16, 2019 9:01 AM  
**To:** Schemm, Doug [KDA]  
**Subject:** RE: Steve Holz 50,229

Go for it.

Katie Tietsort

Kansas Department of Agriculture  
6531 SE Forbes Ave Ste B  
Topeka, KS 66619  
[katie.tietsort@ks.gov](mailto:katie.tietsort@ks.gov)  
Phone 785-296-5733

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**From:** Schemm, Doug [KDA]  
**Sent:** Wednesday, May 15, 2019 9:51 AM  
**To:** Tietsort, Katie [KDA] <Katie.Tietsort@ks.gov>  
**Subject:** Steve Holz 50,229

Good to go, more water out of existing well. Senior files will have PU changes to create O/L.  
This existing well is 42 feet shy of meeting well spacing to another well owned by Steve.  
But great, large gravel alluvium over 50 feet of saturated thickness, history of operating with no problems.



File # 50,229  
 Requesting 244.2 AF  
 (87.2 AF add'l)  
 meets safe yield

## Analysis Results

The selected PD is in an area OPEN to new appropriations.

The safe yield based on the variables listed below is 3,505.78 AF.

Total prior appropriations in the circle is 3,038.95 AF.  $+26 + 9.7 = 3074.65$

Total quantity of water available for appropriation is ~~466.83~~ AF.

**431.13 AF**

## Safe Yield Variables

The area used for the analysis is set at 6,599 acres.

The potential annual recharge at the circle center is estimated to be 8.5 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 07-MAY-2019 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

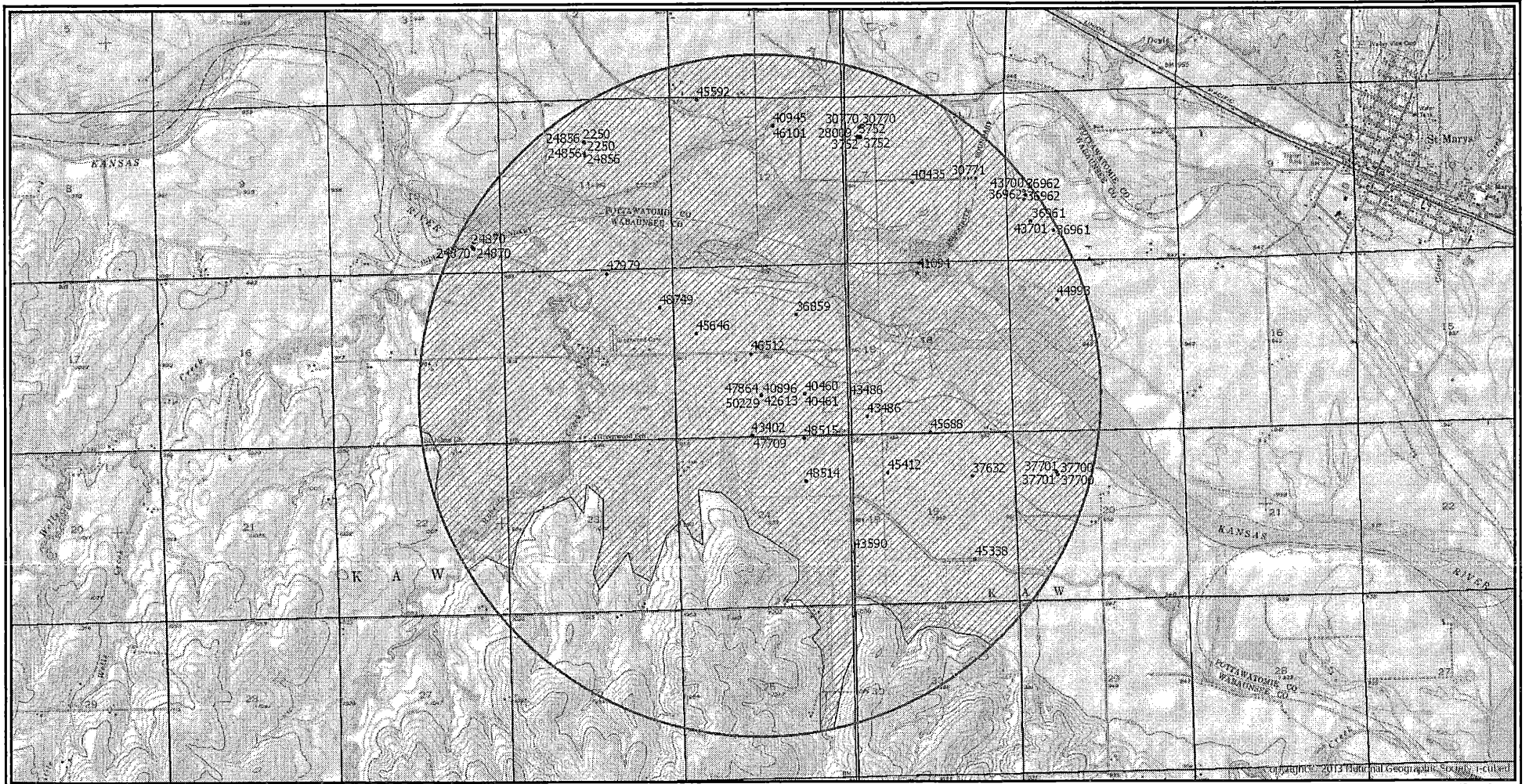
There are 38 water rights and 28 points of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 2250 00	IRR	NK	G			NC	N2	3960	2673	11	10	11E	4	WR	150.00	150.00	231.00	231.00
A 3752 00	IRR	NK	G		NE	SW	NW	3955	4491	07	10	12E	7	WR	220.00	220.00	347.09	347.09
A 24856 00	IRR	NK	G	NC	N2	S2	N2	3490	2654	11	10	11E	3	WR	70.00	70.00	231.00	0.00
A 24870 00	IRR	NK	G		NW	SE	SE	729	811	10	10	11E	6	WR	75.00	75.00	103.00	103.00
A 28009 00	IRR	NK	G		NE	SW	NW	3955	4491	07	10	12E	7	WR	121.00	0.00	347.09	0.00
A 30770 00	IRR	NK	G		SE	NW	NW	4283	4460	07	10	12E	8	WR	135.00	49.00	347.09	0.00
A 36859 00	IRR	NK	G		NE	SW	NE	3750	1450	13	10	11E	1	WR	99.00	99.00	127.00	127.00
A 36961 00	IRR	NK	G		NC	W2	SW	1240	4540	08	10	12E	6	WR	111.00	111.00	335.00	335.00
A 36962 00	IRR	NK	G		NW	NW	SW	2115	4725	08	10	12E	7	WR	183.00	179.00	335.00	0.00
A 37632 00	IRR	NK	G		NC	NE		3960	1320	19	10	12E	1	WR	86.00	86.00	132.00	132.00
A 37700 00	IRR	NK	G		NC	NW		3980	3960	20	10	12E	4	WR	43.00	43.00	69.00	69.00
A 37701 00	IRR	NK	G		NC	NW		3980	3960	20	10	12E	4	WR	43.00	43.00	69.00	69.00
A 40435 00	IRR	NK	G		NE	NE	SW	2512	2949	07	10	12E	5	WR	85.00	85.00	347.09	0.00
A 40460 00	IRR	NK	G		NC	SE		1293	1326	13	10	11E	2	WR	51.00	51.00	66.00	66.00
A 40461 00	IRR	NK	G		NC	SE		1293	1326	13	10	11E	2	WR	51.00	51.00	66.00	66.00
A 40896 00	IRR	NK	G		NE	SE	SW	1282	2679	13	10	11E	3	WR	65.00	65.00	160.00	160.00
A 40945 00	IRR	NK	G		SW	NW	NE	4420	2175	12	10	11E	1	WR	58.00	58.00	256.00	256.00
A 42613 00	IRR	NK	G		NE	SE	SW	1282	2679	13	10	11E	3	WR	72.00	72.00	160.00	0.00
A 43486 00	IRR	NK	G		NW	SW	SW	1182	5083	18	10	12E	3	WR	60.00	60.00	59.00	59.00
A 43590 00	IRR	NK	G		SW	NW	SW	1637	5140	19	10	12E	2	WR	60.00	60.00	57.00	57.00
A 43700 00	IRR	NK	G		NW	NW	SW	2115	4725	08	10	12E	7	WR	3.00	3.00	335.00	0.00
A 43701 00	IRR	NK	G		NC	W2	SW	1240	4540	08	10	12E	6	WR	17.00	0.00	335.00	0.00
A 44993 00	IRR	NK	G		SW	NE	NW	4107	3803	17	10	12E	3	WR	75.00	65.30	68.00	0.00
A 45338 00	IRR	NK	G		NC	SE		1309	1361	19	10	12E	3	WR	76.00	76.00	136.00	136.00
A 45412 00	IRR	NK	G		SE	NW	NW	4074	4018	19	10	12E	4	WR	63.00	63.00	57.00	57.00

**+26 AF**

**+9.7AF**

**Safe Yield Report Sheet**  
**Water Right- A5022900**  
**Point of Diversion in 13-10S-11E**  
**Footages from SE corner- 1,282 feet North 2,679 feet West**



# 50,229

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth Quant	Add Quant	Tot Acres	Net Acres
A 45592 00	IRR	NK	G		NE	NW	NW	5191	4450	12	10	11E	2	WR	101.00	101.00	256.00	0.00
A 45646 00	IRR	NK	G		SW	SW	NW	3249	4632	13	10	11E	5	WR	58.00	58.00	57.00	57.00
A 45688 00	IRR	NK	G		SW	SW	SE	57	2600	18	10	12E	4	WR	41.00	41.00	71.00	71.00
A 46101 00	IRR	NK	G		SW	NW	NE	4420	2175	12	10	11E	1	WR	81.00	81.00	256.00	0.00
A 46512 00	IRR	NK	G		NE	NE	SW	2571	2951	13	10	11E	6	WR	71.50	71.50	65.00	65.00
A 47709 00	IRR	NK	G		SE	SE	SW	36	2962	13	10	11E	7	WR	146.85	146.85	133.50	133.50
A 47864 00	IRR	NK	G		NE	SE	SW	1282	2679	13	10	11E	3	WR	157.00	20.00	160.00	0.00
A 47979 00	IRR	LR	G		NW	NW	NE	5165	2040	14	10	11E	1	WR	259.60	259.60	236.00	236.00
A 48514 00	IRR	LO	G		NE	SW	NE	3750	1404	24	10	11E	1	WR	203.50	203.50	196.50	196.50
A 48515 00	IRR	LO	G		NE	NW	NE	5158	1398	24	10	11E	2	WR	96.80	96.80	88.00	88.00
A 48749 00	IRR	KE	G		SE	NE	NE	4058	453	14	10	11E	2	WR	125.40	125.40	114.00	114.00
A 48792 00	IRR	KE	G		SE	NW	NW	4283	4460	07	10	12E	8	WR	354.00	0.00	347.09	0.00
A 50229 00	IRR	AY	G		NE	SE	SW	1282	2679	13	10	11E	3	WR	<del>244.20</del>	<del>0.00</del>	160.00	0.00

### Limitations

File Number	Seq Num	Limitations
A 28009 00	1	220AF/YR @1255 GPM COM/W #3752 ✓
A 30770 00	1	269AF/YR COM/W #3752 & 28009 ✓
A 36962 00	1	290AF/YR COM/W #36,961 $111 + 179 = 290$ ✓
A 37701 00	1	760 GPM COM/W #37,700
A 40461 00	2	885 GPM COM/W #40460
A 42613 00	1	790 GPM COM/W #40896
A 43700 00	3	915 GPM COM/W #36962
Same	4	319AF/YR COM/W #36961, 36962, (39253 & 43699) $290 + 3 = 293$ $319 - 293 = 26$
A 43701 00	3	665 GPM COM/W #36961
Same	4	319AF/YR COM/W #36961, 36962, 39253, 43699 & 43700 ✓
A 44993 00	2	140.3AF/YR COM/W #27513 - <i>Not in circle</i>
A 46101 00	3	855 GPM COM/W #40945
A 47864 00	2	157 AF/YR @ 1125 GPM COM/W #40896 & 42613 $65 + 72 = 137 + 20 = 157$
A 48792 00	1	354 AF/YR COM/W #3752, #28009, #30770, & #40435
Same	2	1325 GPM COM/W #30770 $269 + 2 + 85 = 354$ ✓

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A

50229 00

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 50229 00 IRR

Water Right and Points of Diversion Within 2.00 miles of point defined as:

1282 Feet North and 2679 Feet West of the Southeast Corner of Section 13 T 10S R 11E

GROUNDWATER ONLY

*Complies with Reduced well spacing guidelines in 5-4-4. No impairment*

File Number	Use	ST	SR	Dist	(ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__	2250	00	IRR	NK	G	9590	--	--	NC N2	3960	2673	11	10	11E	4		150.00	150.00	AF
A__	3752	00	IRR	NK	G	8578	--	NE	SW NW	3955	4491	7	10	12E	7		220.00	220.00	AF
A__	24856	00	IRR	NK	G	9192	NC	N2	S2 N2	3490	2654	11	10	11E	3		70.00	70.00	AF
A__	24870	00	IRR	NK	G	9936	--	NW	SE SE	729	811	10	10	11E	6		75.00	75.00	AF
A__	28009	00	IRR	NK	G	8578	--	NE	SW NW	3955	4491	7	10	12E	7		121.00	.00	AF
A__	30770	00	IRR	NK	G	8893	--	SE	NW NW	4283	4460	7	10	12E	8		135.00	49.00	AF
A__	36859	00	IRR	NK	G	2758	--	NE	SW NE	3750	1450	13	10	11E	1		99.00	99.00	AF
A__	36961	00	IRR	NK	G	9939	--	NC	W2 SW	1240	4540	8	10	12E	6		111.00	111.00	AF
A__	36962	00	IRR	NK	G	10267	--	NW	NW SW	2115	4725	8	10	12E	7		183.00	179.00	AF
A__	37632	00	IRR	NK	G	7061	--	--	NC NE	3960	1320	19	10	12E	1		86.00	86.00	AF
A__	37700	00	IRR	NK	G	9501	--	--	NC NW	3980	3960	20	10	12E	4		43.00	43.00	AF
A__	37701	00	IRR	NK	G	9501	--	--	NC NW	3980	3960	20	10	12E	4		43.00	43.00	AF
A__	40435	00	IRR	NK	G	8081	--	NE	NE SW	2512	2949	7	10	12E	5		85.00	85.00	AF
A__	40460	00	IRR	NK	G	1353	--	--	NC SE	1293	1326	13	10	11E	2		51.00	51.00	AF
A__	40461	00	IRR	NK	G	1353	--	--	NC SE	1293	1326	13	10	11E	2		51.00	51.00	AF
A__	40896	00	IRR	NK	G*	0	--	NE	SE SW	1282	2679	13	10	11E	3		65.00	65.00	AF
A__	40945	00	IRR	NK	G	8456	--	SW	NW NE	4420	2175	12	10	11E	1		58.00	58.00	AF
A__	42613	00	IRR	NK	G*	0	--	NE	SE SW	1282	2679	13	10	11E	3		72.00	72.00	AF
A__	43486	00	IRR	NK	G	2726	--	NW	SW SW	1182	5083	18	10	12E	3		60.00	60.00	AF
A__	43590	00	IRR	NK	G	5641	--	SW	NW SW	1637	5140	19	10	12E	2		60.00	60.00	AF
A__	43700	00	IRR	NK	G	10267	--	NW	NW SW	2115	4725	8	10	12E	7		3.00	3.00	AF
A__	43701	00	IRR	NK	G	9939	--	NC	W2 SW	1240	4540	8	10	12E	6		17.00	.00	AF
A__	44993	00	IRR	NK	G	9660	--	SW	NE NW	4107	3803	17	10	12E	3		75.00	65.30	AF
A__	45338	00	IRR	NK	G	8372	--	--	NC SE	1309	1361	19	10	12E	3		76.00	76.00	AF
A__	45412	00	IRR	NK	G	4592	--	SE	NW NW	4074	4018	19	10	12E	4		63.00	63.00	AF
A__	45592	00	IRR	NK	G	9378	--	NE	NW NW	5191	4450	12	10	11E	2		101.00	101.00	AF
A__	45646	00	IRR	NK	G	2772	--	SW	SW NW	3249	4632	13	10	11E	5		58.00	58.00	AF
A__	45688	00	IRR	NK	G	5359	--	SW	SW SE	57	2600	18	10	12E	4		41.00	41.00	AF
A__	46101	00	IRR	NK	G	8456	--	SW	NW NE	4420	2175	12	10	11E	1		81.00	81.00	AF
A__	46512	00	IRR	NK	G	1317	--	NE	NE SW	2571	2951	13	10	11E	6		71.50	71.50	AF
A__	47709	00	IRR	NK	G	1278	--	SE	SE SW	36	2962	13	10	11E	7		146.85	146.85	AF
A__	47864	00	IRR	NK	G*	0	--	NE	SE SW	1282	2679	13	10	11E	3		157.00	20.00	AF
A__	47979	00	IRR	LR	G	6079	--	NW	NW NE	5165	2040	14	10	11E	1		259.60	259.60	AF
A__	48514	00	IRR	LO	G	3085	--	NE	SW NE	3750	1404	24	10	11E	1		203.50	203.50	AF
A__	48515	00	IRR	LO	G	1893	--	NE	NW NE	5158	1398	24	10	11E	2		96.80	96.80	AF
A__	48749	00	IRR	KE	G	4155	--	SE	NE NE	4058	453	14	10	11E	2		125.40	125.40	AF
A__	48792	00	IRR	KE	G	8893	--	SE	NW NW	4283	4460	7	10	12E	8		354.00	.00	AF
A__	50229	00	IRR	AY	G	0	--	NE	SE SW	1282	2679	13	10	11E	3		244.20	.00	AF

*to Senior Water Rights. DWS/DWR 5/15/19*

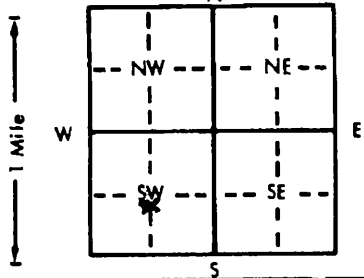
Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	.00	.00
Total Permitted Amount (AF) =	125.40	.00
Total Inspected Amount (AF) =	559.90	.00
Total Pro_Cert Amount (AF) =	.00	.00

1 LOCATION OF WATER WELL: County: <u>Wab.</u>	Fraction <u>Near center of 1/4 S.W. 1/4</u>	Section Number <u>13</u>	Township Number <u>T 10 S</u>	Range Number <u>R 11 EW</u>
--	--	-----------------------------	----------------------------------	--------------------------------

Distance and direction from nearest town or city street address of well if located within city?  
1/4 mile west of St. Marys Ks. 3 south and 1/4 east.

2 WATER WELL OWNER: <u>Steven R. Holz and B.D.J. Partnership</u> RR#, St. Address, Box #: <u>24745 Mt. Calvary Rd.</u> City, State, ZIP Code: <u>St. Marys Ks. 66536</u>	Board of Agriculture, Division of Water Resources Application Number: <u>40,896</u>
--	--

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 84 ft. ELEVATION: .....

Depth(s) Groundwater Encountered 1. 27 ft. 2. .... ft. 3. .... ft.

WELL'S STATIC WATER LEVEL 27 ft. below land surface measured on mo/day/yr 4-18-94

Pump test data: Well water was 39 ft. after 1 hours pumping 1200 gpm  
Est. Yield 2500 gpm: Well water was 41 ft. after 2 hours pumping 1200 gpm

Bore Hole Diameter 32 in. to 84 in. to .....

WELL WATER TO BE USED AS:

5 Public water supply	8 Air conditioning	11 Injection well
1 Domestic	3 Feedlot	6 Oil field water supply
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		10 Monitoring well
		12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes.....No...XX...; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes No XX

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>XX</u> Clamped <u>XX</u>
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded .....
		7 Fiberglass		Threaded .....

Blank casing diameter 16 in. to 64 in. Dia. .... ft. Dia. .... in. to .... ft.

Casing height above land surface 18 in. weight .... lbs./ft. Wall thickness or gauge No. 50

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
			9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From 64 ft. to 84 ft., From .... ft. to .... ft.

GRAVEL PACK INTERVALS: From 20 ft. to 84 ft., From .... ft. to .... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....

Grout Intervals: From 0 ft. to 20 ft., From .... ft. to .... ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
			13 Insecticide storage	<u>none</u>

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Black top soil			
3	32	Brown and grey clays			
32	36	Small-medium grey sand			
36	40	Medium-large grey sand			
40	47	Small-medium grey gravel			
47	81	Medium-large grey gravel			
81	84	Large Limestone creek bed type			
	84	gravel and large cobbles, stopped			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4-18-94 This record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 323 This Water Well Record was completed on (mo/day/yr) 5-11-94 under the business name of Hoobler Drilling Co. by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

Topeka Field Office  
6531 SE Forbes Ave., Suite B  
Topeka, KS 66619



Phone: 785-296-5733  
Fax: 785-296-8298  
[www.agriculture.ks.gov](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

May 8, 2019

PAUL & WAYNE SCHWEIR  
20246 KANSA RD  
MAPLE HILL KS 66507-8525

Re: Pending New Application, File No. 50,229, and  
Change in Place of Use, File Nos. 40,896; 42,613; and 47,864

Dear Sir or Madam:

This is to advise you that Steven & Teresa Holz, have filed the new application referred to above for a permit to appropriate 244.2 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,400 gallons per minute. Please note that this is from an existing well, currently authorized under Water Right, File Nos. 40,896; 42,613; and 47,864. Only a portion of the requested quantity of water is additional to the current authorized quantity of water under these senior files. The well is in the Northeast Quarter of the Southeast Quarter of the Southwest Quarter (NE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ) of Section 13, in Township 10 South, Range 11 East, Wabaunsee County, Kansas. The pending change applications for File Nos. 40,896; 42,613; and 47,864 will increase their authorized place of use to match the new application expanded irrigation project.

Records in this office indicate that you may have a well or wells in this vicinity and you are being notified of receipt of these applications in order that you may be fully informed of the proposed locations of the applicant's point of diversion and proposed use of water. Consideration will be given to comments or other information which you desire to submit to this office **within 15 days** from the date of this letter.

You can find the new and change applications and site maps posted by the file numbers referenced above, under Topeka Field Office, at: <http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/notices>

If you have any questions or comments, you may also contact me at (785).296-3495. If you call, please reference the file number so I can help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Doug Schemm".

Douglas W. Schemm  
Environmental Scientist  
Topeka Field Office

pc: Steven & Teresa Holz

Topeka Field Office  
6531 SE Forbes Ave., Suite B  
Topeka, KS 66619



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Fax: 785-296-8298  
[www.agriculture.ks.gov](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

May 8, 2019

JOHN POPPELREITER  
19157 TURKEY CREEK RD  
MAPLE HILL KS 66507-8522

Re: Pending New Application, File No. 50,229, and  
Change in Place of Use, File Nos. 40,896; 42,613; and 47,864

Dear Sir or Madam:

This is to advise you that Steven & Teresa Holz, have filed the new application referred to above for a permit to appropriate 244.2 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,400 gallons per minute. Please note that this is from an **existing well**, currently authorized under Water Right, File Nos. 40,896; 42,613; and 47,864. Only a portion of the requested quantity of water is additional to the current authorized quantity of water under these senior files. The well is in the Northeast Quarter of the Southeast Quarter of the Southwest Quarter (NE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ) of Section 13, in Township 10 South, Range 11 East, Wabaunsee County, Kansas. The pending change applications for File Nos. 40,896; 42,613; and 47,864 will increase their authorized place of use to match the new application expanded irrigation project.

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Sincerely,

A handwritten signature in cursive script that reads "Doug Schemm".

Douglas W. Schemm  
Environmental Scientist  
Topeka Field Office

pc: Steven & Teresa Holz

Topeka Field Office  
6531 SE Forbes Ave., Suite B  
Topeka, KS 66619



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Mike Beam, Secretary

Laura Kelly, Governor

May 8, 2019

GERTRUDE SCHWEIR  
21215 KANSA RD  
BELVUE KS 66407-9102

Re: Pending New Application, File No. 50,229, and  
Change in Place of Use, File Nos. 40,896; 42,613; and 47,864

Dear Sir or Madam:

This is to advise you that Steven & Teresa Holz, have filed the new application referred to above for a permit to appropriate 244.2 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,400 gallons per minute. Please note that this is from an **existing well**, currently authorized under Water Right, File Nos. 40,896; 42,613; and 47,864. Only a portion of the requested quantity of water is additional to the current authorized quantity of water under these senior files. The well is in the Northeast Quarter of the Southeast Quarter of the Southwest Quarter (NE¼ SE¼ SW¼) of Section 13, in Township 10 South, Range 11 East, Wabaunsee County, Kansas. The pending change applications for File Nos. 40,896; 42,613; and 47,864 will increase their authorized place of use to match the new application expanded irrigation project.

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Douglas W. Schemm  
Environmental Scientist  
Topeka Field Office

pc: Steven & Teresa Holz



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[www.agriculture.ks.gov](http://www.agriculture.ks.gov)

Mike Beam, Secretary

Laura Kelly, Governor

May 8, 2019

ROD & JULIE HOMAN  
20692 GREENWOOD RD  
BELVUE KS 66407

Re: Pending New Application, File No. 50,229, and  
Change in Place of Use, File Nos. 40,896; 42,613; and 47,864

Dear Sir or Madam:

This is to advise you that Steven & Teresa Holz, have filed the new application referred to above for a permit to appropriate 244.2 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,400 gallons per minute. Please note that this is from an **existing well**, currently authorized under Water Right, File Nos. 40,896; 42,613; and 47,864. Only a portion of the requested quantity of water is additional to the current authorized quantity of water under these senior files. The well is in the Northeast Quarter of the Southeast Quarter of the Southwest Quarter (NE $\frac{1}{4}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ) of Section 13, in Township 10 South, Range 11 East, Wabaunsee County, Kansas. The pending change applications for File Nos. 40,896; 42,613; and 47,864 will increase their authorized place of use to match the new application expanded irrigation project.

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Sincerely,

A handwritten signature in black ink that reads "Doug Schemm".

Douglas W. Schemm  
Environmental Scientist  
Topeka Field Office

pc: Steven & Teresa Holz

2. Please complete the following information for the description of the operation for the irrigation project. Attach supplemental sheets as needed.

a. Indicate the soils in the field(s) and their intake rates:

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
Wymore	50%	.2-.6	
Gymer	20%	.6-2.0	
Wabash	18%	.06	
Chase	12%	.2-.6	
Total:	100%		

b. Estimate the average land slope in the field(s): 2.5 %

Estimate the maximum land slope in the field(s): 6 %

c. Type of irrigation system you propose to use (check one):

- Center pivot       Center pivot - LEPA       "Big gun" sprinkler  
 Gravity system (furrows)       Gravity system (borders)       Sideroll sprinkler  
Other, please describe: Corners only

d. System design features:

i. Describe how you will control tailwater:

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: \_\_\_\_\_ psi

(2) What is the sprinkler package design rate? \_\_\_\_\_ gpm

(3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? \_\_\_\_\_ feet

(4) Please include a copy of the sprinkler package design information.

e. Crop(s) you intend to irrigate. Please note any planned crop rotations:

Corn & Soybeans

f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

stage of crop, weather conditions, weather forecasts, current moisture available

You may attach any additional information you believe will assist in informing the Division of the need for your request.

Water Resources

Received

APR 01 2019

SCANNED

**NEARBY WELL OWNERS**

1. Domestic Well  
ROD & JULIE HOMAN  
20692 GREENWOOD RD  
BELVUE KS 66407
  
2. IRR WELL - FILE NO. 46,512  
PAUL & WAYNE SCHWEIR  
20246 KANSA RD  
MAPLE HILL KS 66507-8525
  
3. IRR WELL - FILE NO. 40,460  
JOHN POPPELREITER  
19157 TURKEY CREEK RD  
MAPLE HILL KS 66507-8522
  
- IRR WELL - FILE NO. 40,461  
GERTRUDE SCHWEIR  
21215 KANSA RD  
BELVUE KS 66407-9102
  
4. &5. OWNED BY APPLICANT

Water Resources  
Received

APR 01 2019

KS Dept Of Agriculture

SCANNED

April 1 2019  
(Date)

Kansas Department of Agriculture  
Division of Water Resources  
David W. Barfield, Chief Engineer  
1320 Research Park Drive  
Manhattan, Kansas 66502

Re: Application  
File No. 50229

Minimum Desirable Streamflow  
KANSAS River Assurance District  
Water Reservation Rights

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established, an Assurance District has been formed and established or a Water Reservation Right is held by the Kansas Water Office (**circle the appropriate item**) for the source of supply to which the above referenced application applies, namely the KANSAS RIVER

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met, Assurance District or Water Marketing releases are being made from storage in Federal Reservoirs or when a Reservation Right upstream of a Federal Reservoir is being administered.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Steven R Holz  
Signature of Applicant

Steven R Holz  
Print Applicant Name

State of Kansas )  
County of Riley ) SS

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 1st day of April, 2019.

Danielle Wilson  
Notary Public

My Commission Expires



Water Resources  
Received  
APR 01 2019

50229

**FORM TO BE USED WHEN APPLICABLE  
WHEN FILING AN APPLICATION FOR PERMIT  
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River  
Big Blue River  
Chapman Creek  
Chikaskia River  
Cottonwood River  
Delaware River  
Little Arkansas River  
Little Blue River  
Marais des Cygnes River  
Medicine Lodge River  
Mill Creek (Wabaunsee Co. area)  
Neosho River

Ninnescah River  
North Fork Ninnescah River  
Rattlesnake Creek  
Republican River  
Saline River  
Smoky Hill River  
Solomon River  
South Fork Ninnescah  
Spring River  
Walnut River  
Whitewater River

Assurance Districts have been formed on the following rivers:

Kansas River                      Marias des Cygnes River                      Neosho River

The Kansas Water Office has Water Reservation Rights for the following reservoirs:

Big Hill	Marion
Clinton	Melvorn
Council Grove	Milford
Elk City	Perry
Hillsdale	Pomona
John Redmond	Tuttle Creek

Water Resources  
Received

APR 01 2019

KS Dept Of Agriculture

SCANNED

1320 Research Park Drive  
Manhattan, KS 66502  
785-564-6700  
www. agriculture.ks.gov



900 SW Jackson, Room 456  
Topeka, KS 66612  
785-296-3556

Mike Beam, Interim Secretary

Laura Kelly, Governor

April 3, 2019

STEVEN R & TERESA J HOLZ  
22284 WELLS CREEK RD  
BELVUE, KS 66407

RE: Application, File No. 50229

Dear Sir or Madam:

The Division of Water Resources (Division) has received your application for a permit to appropriate water for beneficial use. Your application has been assigned the file number referenced above. Please be aware that the Division may have a large number of pending applications on hand at times and makes every attempt to process them in the order in which they are received. You will be contacted if additional information is required.

Please note, this letter only acknowledges receipt of your application and does not guarantee approval. In accordance with the provisions of the Kansas Water Appropriation Act, the use of water as proposed prior to approval of the application is unlawful.

Additional information about the process may be found on our website at [agriculture.ks.gov/divisions-programs/dwr](http://agriculture.ks.gov/divisions-programs/dwr). If you have any other questions, please contact our office at 785-564-6640 or your local Topeka Field Office at 785-296-5733. If you call, please reference the file number so we can help you more efficiently.

Sincerely,

Kristen A. Baum  
New Applications Unit Supervisor  
Water Appropriation Program

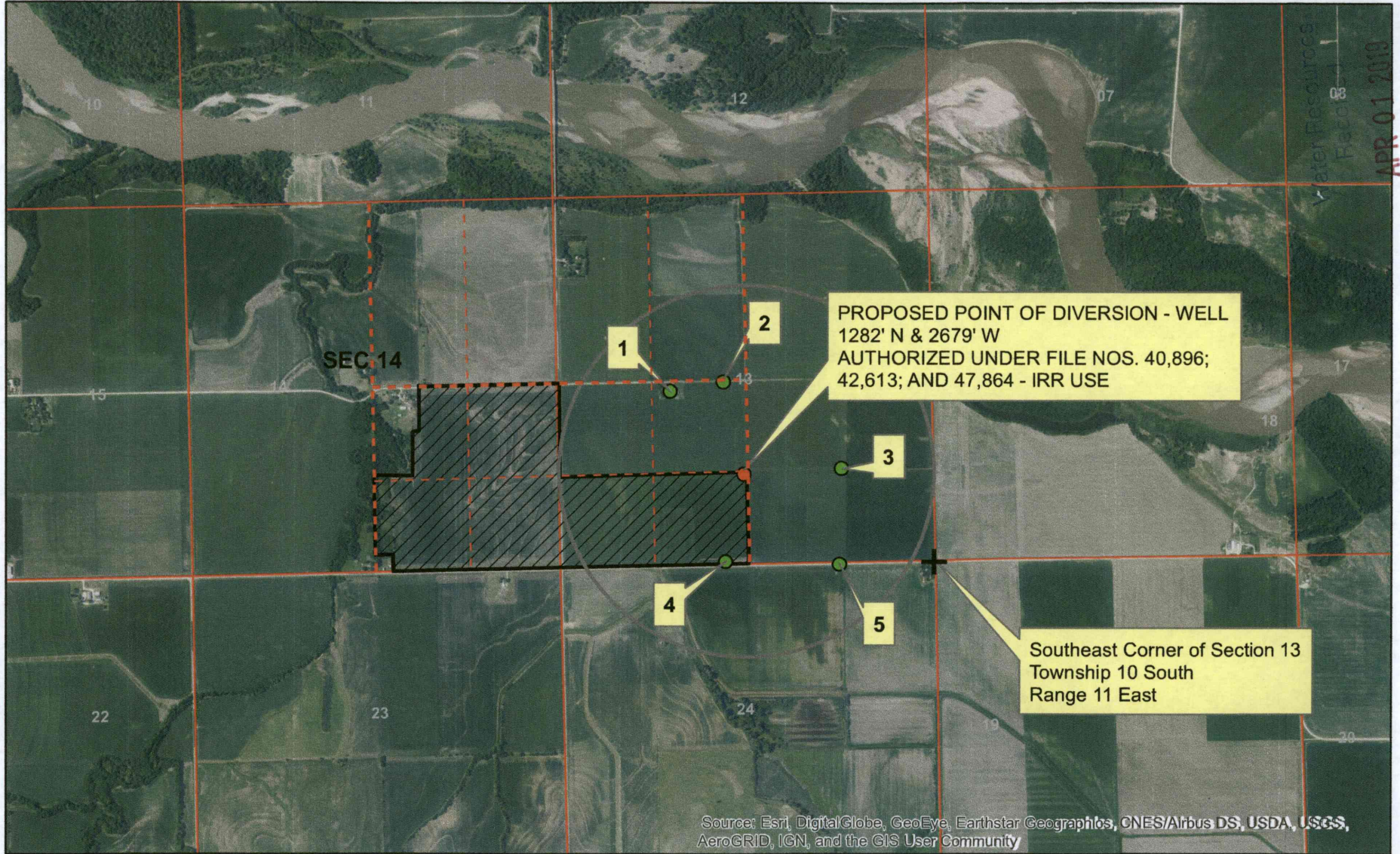
SCANNED



STEVEN HOLZ - NEW APPLICATION  
SECS. 13 & 14, T10S, R11E - WB CO

1:24,000

50229



SCANNED KS Dept Of Agriculture

APR 01 2019

● Proposed Point of Diversion



Proposed Place of Use

All known wells within 1/2 mile of the proposed point of diversion have been identified.

*Steven R Holz*

