

NOTICE

This scan only represents the application as filed. The information contained herein meets the requirements of K.A.R. 5-3-1 or K.A.R. 5-5-1, and has been found acceptable for filing in the office of the Chief Engineer. The application should not be considered to be a complete application as per K.A.R. 5-3-1b or K.A.R. 5-5-2a.

THE STATE OF KANSAS



WATER RESOURCES
RECEIVED
JAN 12 2018
11:51
KS DEPT OF AGRICULTURE

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49969
This item to be completed by the Division of Water Resources.

Water Resources
Received

**APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE**

Filing Fee Must Accompany the Application
(Please refer to Fee Schedule attached to this application form.)

JUN 06 2018
12:42
KS Dept Of Agriculture

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

1. Name of Applicant (Please Print): John Vogt
Address: 17005 S Haven Rd.
City: Haven State KS Zip Code: 67543
Telephone Number: (785) 202-1509

2. The source of water is: surface water in _____ (stream)
OR groundwater in Little Arkansas River Basin - Equus Beds Aquifer (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 202.8 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 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.

For Office Use Only:							
F.O. <u>2</u>	GMD <u>2</u>	Meets K.A.R. 5-3-1 (YES/NO) <u>(YES)</u>	Use <u>IRLR</u>	Source <u>(G)S</u>	County <u>HW</u>	By <u>AW</u>	Date <u>1/12/18</u>
Code <u>PER</u>	Fee \$ <u>30</u>	TR # _____	Receipt Date <u>1/12/18</u>	Check # <u>4063</u>			

1/19/2018 UM
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Applicant requests 60 days to locate well

File No. _____

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 SW quarter of the SE quarter of Section 30, more particularly described as being near a point 84 feet North and 1472 feet West of the Southeast corner of said section, in Township 22 South, Range 1W East/West (circle one), Harvey 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):

John C Vogt, 17005 S Haven Rd. Haven, KS 67543, (785) 202-1509

(name, address and telephone number)

(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 January 8, 2018

John C Vogt
Applicant's Signature

The applicant must provide the required information or signature irrespective of whether they are the landowner. Failure to complete this portion of the application will cause it to be unacceptable for filing and the application will be returned to the applicant.

7. The proposed project for diversion of water will consist of 1 Well and pump

(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) 4/1/2018

(Month/Day/Year - each was or will be completed)

8. The first actual application of water for the proposed beneficial use was or is estimated to be 4/1/2018

(Mo/Day/Year)

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 _____

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.

no overlapping point or place of use

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JUN 06 2018

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Applicant requests 60 days to conduct test drilling

File No. _____

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	4/18/18	_____	_____	_____
Total depth of well	80'	_____	_____	_____
Depth to water bearing formation	25'	_____	_____	_____
Depth to static water level	18'	_____	_____	_____
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):

John C Vogt, 17005 S Haven Rd. Haven, KS 67543, (785) 202-1509
(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 Halstead, Kansas, this 8th day of January, 2018.
(month) (year)

John C Vogt
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by S. Flaherty

GMD2 / Hydrogeologist
(office/title)

Date: 1/8/2018

Water Resources
Received
JAN 10 2018
KS Dept of Agriculture

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49969

Name of Applicant (Please Print): John Vogt

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: John C Vogt

ADDRESS: 17005 S Haven Rd. Haven, KS 67543, (785) 202-1509

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
30	22	1W													40	40	36	40	156

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	

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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
<u>Hobbs silt loam</u>	<u>40.7</u>	<u>.6 - 2.0</u>	<u> </u>
<u>Geary Silt Loam</u>	<u>49.9</u>	<u>.2 - .6</u>	<u> </u>
<u>Lady Smith silty clay lom</u>	<u>9.5</u>	<u>0 - .06</u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
Total:	100 %		

b. Estimate the average land slope in the field(s): 1 %

Estimate the maximum land slope in the field(s): 3 %

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: _____

d. System design features:

i. Describe how you will control tailwater: Will apply watering basd on crop needs to eliminate runoff.

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: Not yet available psi
- (2) What is the sprinkler package design rate? Not yet available 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? Not yet available 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, Soy, Wheat, Walnut Trees

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). Crop Consultant

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

Received
 JUN 4 2010
 Dept of Agriculture

1/8/2018

(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. 49909

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

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.

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.

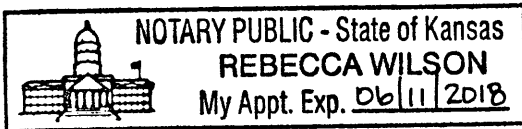
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

John C Vogt
Signature of Applicant

State of Kansas)
County of HARVEY) ss

John C Vogt
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 8TH day of JANUARY, 2018.



Rebecca Wilson
Notary Public

My Commission Expires: 06/11/2018

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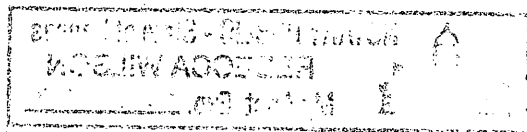
SCANNED

**MINIMUM DESIRABLE STREAMFLOW 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



WATER DIVISION
KANSAS
STATE HOUSE
TOPEKA, KANSAS

WATER WELL RECORD Form WWC-5

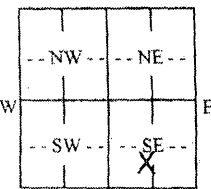
Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL:
 County: Harvey Fraction SE 1/4 NE 1/4 SW 1/4 SE 1/4 Section Number 30 Township Number T 22 S Range Number R 1 E W

2 WELL OWNER: Last Name: Vogt First: John
 Business: _____ Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:
 Address: 17005 S Haven Rd
 Address: _____ NW 48th and Mission
 City: Haven State: Kansas ZIP: 67543

3 LOCATE WELL WITH "X" IN SECTION BOX:
 N

 W E
 S
 1 mile

4 DEPTH OF COMPLETED WELL: 80 ft.
 Depth(s) Groundwater Encountered: 1) 18 ft.
 2) _____ ft. 3) _____ ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 18 ft.
 below land surface, measured on (mo-day-yr) 4/18/2018
 above land surface, measured on (mo-day-yr) _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Well water was _____ ft. after _____ hours pumping _____ gpm
 Estimated Yield: 12 gpm
 Bore Hole Diameter: 11 in. to 80 ft. and _____ in. to _____ ft.

5 Latitude: 38.10325 (decimal degrees)
Longitude: 97.46884 (decimal degrees)
 Datum: WGS 84 NAD 83 NAD 27
 Source for Latitude/Longitude:
 GPS (unit make/model: _____) (WAAS enabled? Yes No)
 Land Survey Topographic Map
 Online Mapper: _____

6 Elevation: 1436 ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other KOLAR

7 WELL WATER TO BE USED AS:
 1. Domestic: Household Lawn & Garden Livestock Irrigation
 2. Feedlot
 3. Industrial
 4. Public Water Supply: well ID _____
 5. Dewatering: how many wells? _____
 6. Aquifer Recharge: well ID _____
 7. Monitoring: well ID _____
 8. Environmental Remediation: well ID _____
 Air Sparge Soil Vapor Extraction Recovery Injection
 9. Oil Field Water Supply: lease _____
 10. Test Hole: well ID _____
 Cased Uncased Geotechnical
 11. Geothermal: how many bores? _____
 a) Closed Loop Horizontal Vertical
 b) Open Loop Surface Discharge Inj. of Water
 12. Other (specify): _____
 13. Other (specify): _____

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: _____
 Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other _____ CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to 80 ft., Diameter _____ in. to _____ ft., Diameter _____ in. to _____ ft.
 Casing height above land surface 18 in. Weight _____ lbs./ft. Wall thickness or gauge No. 0.214
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify) _____
 Brass Galvanized Steel Concrete tile None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) _____
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)
SCREEN-PERFORATED INTERVALS: From 40 ft. to 80 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 23 ft. to 80 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other _____
 Grout Intervals: From 3 ft. to 23 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
Nearest source of possible contamination:
 Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage
 Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well
 Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well
 Other (Specify) Well
 Direction from well? South Distance from well? 100 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Topsoil	63	65	Soft Grey Shale/VOID
3	25	Tan Clay	65	80	Grey Shale
25	30	Fine Sand			Water Resources Received JUN 06 2018
30	35	Fine Sand w/Clay Streaks			
35	50	Green Clay			
50	57	Medium Sand			
57	59	Clay			
59	62	Medium Sand			KS Dept Of Agriculture
62	63	Grey Shale			

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 4/18/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 238. This Water Well Record was completed on (mo-day-year) 4/19/2018 under the business name of Premier Pump and Well Service, Inc.

AD ASTRA PER ASPERA

Kansas

Department of Agriculture
agriculture.ks.gov

1320 Research Park Drive
Manhattan, Kansas 66502
785-564-6700

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

Secretary Jackie McClaskey

Governor Jeff Colyer, M.D.

February 7, 2018

JOHN VOGT
17005 S HAVEN RD
HAVEN KS 67543

Re: Pending Application,
File No. 49,969

Dear Mr. Vogt:

After a preliminary review of your above referenced application for permit to appropriate water received in this office on January 12, 2018, it is being returned to you for additional information. In your original application, you requested a 60-day period of time in which to determine the precise location for your point of diversion within a specified quarter section tract of land described as the Southeast Quarter (SE $\frac{1}{4}$) of Section 30, in Township 22 South, Range 1 West, Harvey County, Kansas. Due to our delay in returning the original application to you, the 60-day period of time will start as of the date of this letter.

Once you've determined the precise location for your point of diversion, complete the rest of Paragraph No. 5 of your application by providing the description for the 10-acre tract location of the point of diversion as well as the feet distances North and West of the Southeast corner of the Section. The location of the point of diversion must also be plotted on the topographical map included.

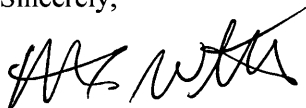
The locations of all other water wells of every kind within one-half mile ($\frac{1}{2}$) of the point of diversion must be plotted on the topographical map as well. Each well should be identified as to its use (e.g. domestic, irrigation, industrial, etc.) and must **include the name and mailing address of the well owner**. A signed statement should be included on the map declaring that all wells within one-half mile ($\frac{1}{2}$) of the point of diversion have been plotted, or it should declare that none exist. Please provide this information once you have established your point of diversion.

Paragraph No. 13 of the application requests well information so the source of supply of the proposed well may be determined. Pursuant to K.A.R. 5-3-4d, this office requires a stratigraphic log of a well or test hole within 300 feet of the proposed point of diversion. Please supply the indicated information and a test hole log or a driller's log with the returned application.

In order to retain its priority of filing, the original application and attachments must be returned to this office with the requested information on or before **April 7, 2018**, or within any authorized extension of time thereof. According to law, default in refileing of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

If you have any questions, please contact me at (785) 564-6631 or by email at alex.whitesell@ks.gov. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,



Alex Whitesell
Environmental Scientist
Water Appropriation Program
Pc: GMD No. 2

Water Resources
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JUN 06 2018

KS Dept Of Agriculture

NEW APPLICATION NO 49969 MAP



I declare that all water wells or diversion sites using the same source of supply and within 1/2 mile of the proposed point of diversion have been plotten on the application map.

John C Voigt
Signature

6/4/2018
Date

New Application
 Application No. ____ To Change:

- Proposed Point of Diversion
- ▲ Existing Points of Diversion
- Authorized Place of Use
- Proposed Place of Use

- Point of Diversion
- Place of Use
- Use Made of Water

Water Resources
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See attached for well owner information within 1/2 mile

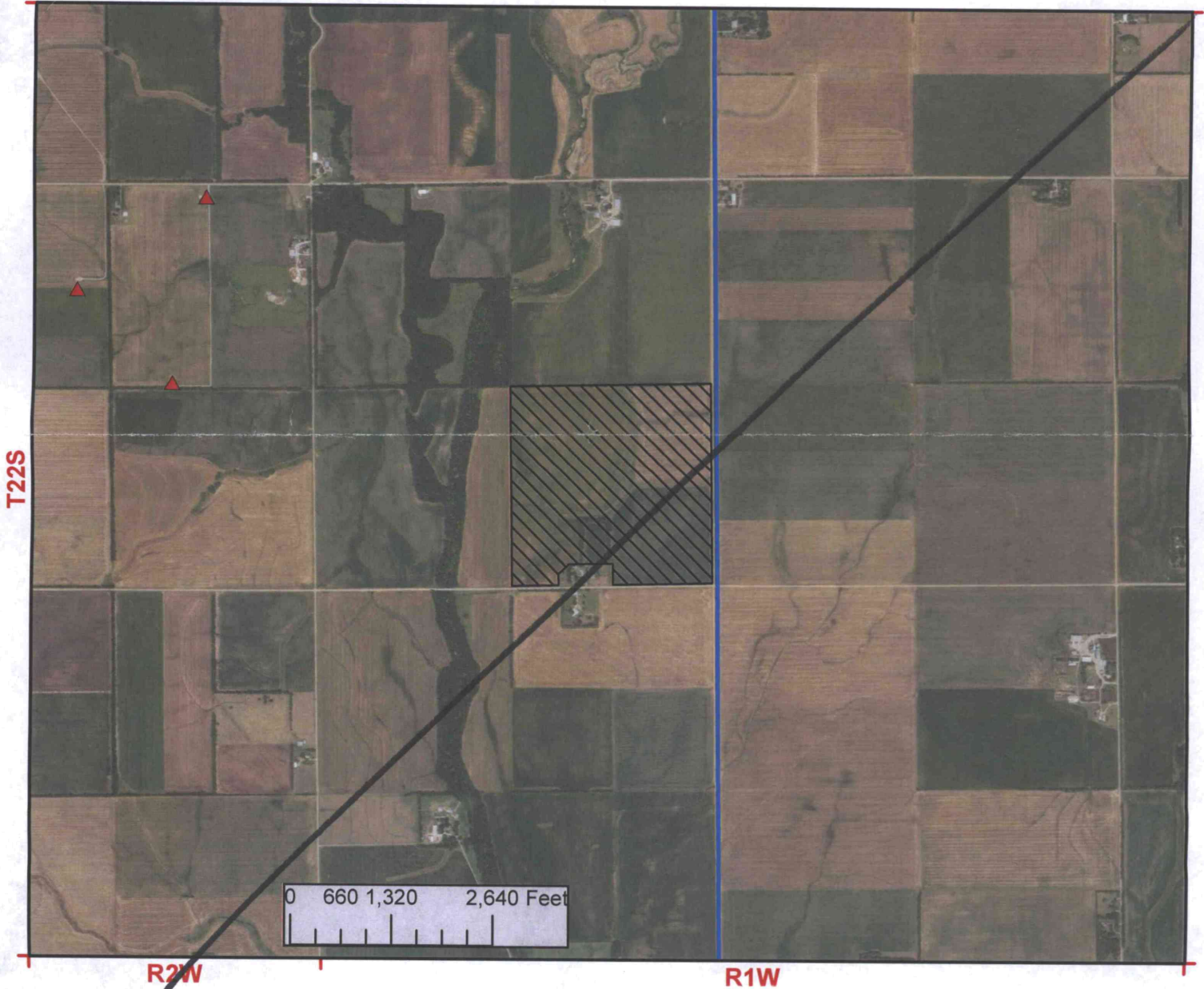
JUN 06 2018

KS Dept Of Agriculture



New Application Map

49969



I declare that all water wells or diversion sites using the same source of supply and within 1/2 mile of the proposed point of diversion have been plotted on the application map.



Signature

Date

- New Application
- Application No. To Change:
 - Point of Diversion
 - Place of Use
 - Use Made of Water

Water Resources Received
JUN 06 2018

KS Dept Of Agriculture

- Proposed Point of Diversion
- Existing Points of Diversion
- Proposed Place of Use
- Authorized Place of Use

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JAN 12 2018

See attached for well owners within 1/2 mile

See new map

KS DEPT OF AGRICULTURE

Completed By GMD2 Staff
S. Flaherty - 1/8/2018

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