

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

1. File Number: <p style="text-align: center; font-size: 1.2em;">50,059</p>	2. Status Change Date: <p style="text-align: center; font-size: 1.2em;">8/30/2018</p>	3. Field Office: <p style="text-align: center; font-size: 1.2em;">01</p>	4. GMD: <p style="text-align: center; font-size: 1.2em;">0</p>
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 checked="" type="checkbox"/> Water Tube <input type="checkbox"/> Driller Copy <input checked="" type="checkbox"/> Meter			
<p>7a. Applicant(s) New to system <input type="checkbox"/></p> <p>Person ID <u>22426</u> Add Seq# _____</p> <p>KEITH & CHERYL JOST 2168 K15 HWY HILLSBORO KS 67063</p> <p style="text-align: center; font-size: 1.2em;"><i>contract purchaser</i></p>	<p>7c. Landowner(s) New to system <input type="checkbox"/></p> <p>Person ID <u>35253</u> Add Seq# _____</p> <p>Thomas + Carol Klenda 1239 270th Tampa KS 67483</p>		
<p>7b. Landowner(s) New to system <input type="checkbox"/></p> <p>Person ID _____ Add Seq# _____</p> <p><i>7a. 7c</i></p>	<p>7d. Misc. New to system <input type="checkbox"/></p> <p>Person ID _____ Add Seq# _____</p>		
<p>8. WUR Correspondent New to system <input type="checkbox"/> Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Person ID _____ Add Seq# _____ Notarized WUC Form <input type="checkbox"/></p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>		
10. Completion Date: <u>12/31/2019</u> 11. Perfection Date: <u>12/31/2023</u> 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: _____			
<p>Date Prepared: 7/11/2018 By: DWS Date Entered: 9/4/2018 By: CLM</p>			

File No. **50,059** 15. Formation Code: **500** Drainage Basin: **COTTONWOOD RIVER** County: **MN** Special Use: Stream:

16. Points of Diversion										17. Rate and Quantity MOD ADDL QTY					
MOD	DEL	ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
MOD			33309	SW NE NW	25	18	2E	1	4272	3613	1600	324	1600	287.6	29,221

18. Storage: Rate _____ NF Quantity _____ ac/ft Additional Rate _____ NF Additional Quantity _____ ac/ft

19. Limitation: **327.6** af/yr at _____ gpm (_____ cfs) when combined with file number(s) **29,221**
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by **12/31/2019** Date Acceptable Meter Installed _____

21. Place of Use							NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? yes	Overlap Files			
MOD	DEL	ENT	PUSE	S	T	R	ID	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						
MOD			17380	25	18	2E	2	40	40	40	35	23	40	20	35										273	7a.	YES	29,221	

Comments: * **Keith and Cheryl Jost are contract purchasers of this property from Thomas & Carol Klenda (see note with application).**

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: July 11, 2018

FROM: Doug Schemm

RE: Application, File No. 50,059

Keith Jost has filed the referenced application to appropriate 324 acre-feet of groundwater from an existing well at a rate of diversion of 1,600 gallons per minute to irrigate 273 acres in Marion County, within the Cottonwood River Drainage Basin. The well is currently authorized under Water Right, File No. 29,221, and is located in the Northwest Quarter of Section 25, Township 18 South, Range 2 East, Marion County. The proposed place of use is solely owned by the applicant (contract purchaser), who has signed the application stating he has access to the point of diversion. The requested quantity of 324 acre-feet for the irrigation of 273 acres of land is just slightly less than 1.2 acre-feet per acre, which is the maximum allowable quantity for irrigation in Marion County per K.A.R. 5-3-19.

Water Right, File No. 29,221 is authorized 40 acre-feet, therefore this junior application will be limited to 327.6 acre-feet when combined with the senior file (providing 287.6 acre-feet of additional water). In addition, a Change in Place of Use will be processed for this senior file to create a complete overlap with the new application.

The applicant identified one domestic well within one-half mile, which is owned by Thomas Klenda. Mr. Klenda has included a note with the new application stating that "he has sold his property to the applicant, and he is aware that the applicant is requesting additional water from this well". Therefore no further notification of nearby well owners is required. A review of aerial photographs and the KGS WWC-5 database does not show any other domestic wells within ½ mile. However, there are several domestic wells within the two-mile circle, and a telephone call was received from Gene Schafer who has two domestic wells located about 6,000 feet due north of the irrigation well. Mr. Schafer was not having any problems with his wells currently but he was concerned that continued irrigation could impact his wells. The area is also experiencing an extensive drought which is certainly exacerbating the situation.

The WRIS database shows there is only one other water right within the two-mile circle. The proposed point of diversion meets minimum well spacing criteria to all other wells, being over 1,000 feet from the nearest domestic well, and over 8,000 feet from the nearest non-domestic well.

A test hole log was not submitted with the pending application; however the KGS WWC-5 database contains logs for nearby wells, which show the only lithologic units encountered were clay, limestone and shale. From the well in the Southeast Quarter of Section 22, it appears that there is a fractured limestone bedrock beginning at 59 feet below ground surface, and extending to 64 feet below ground surface, which is the main aquifer. The driller's log states that water was encountered at 59', static water level was 10 feet below ground surface, and estimated production was 300 gpm to 400 gpm. A domestic well in the same section as the irrigation well (Bolte domestic) shows only clay was present from ground surface to 63 feet, encountering shale at 63 feet. Water was encountered at a depth of 38 feet and static water level was 22 feet.

Based on the well logs and information in the Kansas Geologic Survey database for this general area, it appears that this is likely the Wellington Formation (Sumner Group – 530). *Geology and Ground-water Resources of a Part of South-central Kansas*, Kansas Geological Survey, Bulletin 79, states that "no large supplies of water are available from the Wellington (in McPherson and Harvey Counties) owing to the physical character of the rocks comprising it, but some domestic and stock wells are supplied with very hard water from the shallow weathered zone at the top of the shale and from deeper crevices in the shale and thin limestone beds". The applicant is successfully operating other water rights producing from this same aquifer in this local area.

In addition, based on the well logs, it appears that this bedrock aquifer is confined, which is evidenced by the static water in the wells extending higher than the depth that water was encountered. Per K.A.R. 5-3-14, safe yield for a confined aquifer is processed on a case by case basis using the best available information. Because the aquifer is relatively shallow, and no specific criteria have been developed for safe yield evaluation of this confined aquifer, it appears that the pending application can be reviewed using the safe yield criteria in K.A.R. 5-3-11, which is consistent with other applications in this same source of supply. The area of consideration is the extent of the aquifer in the two-mile circle, which was determined to be 8,042 acres.

Based on a potential recharge of 3.1 inches, with 75% available for appropriation, safe yield was determined to be 1,558.23 acre-feet. Existing water rights within this area of consideration have appropriated 540 acre-feet, leaving a remainder of 1,018.23 acre-feet. The pending application is requesting 324 acre-feet, therefore there is sufficient water available for appropriation, and the application meets safe yield criteria.

Although it is likely that the confined bedrock aquifer system would receive somewhat less recharge than a near-surface, unconfined aquifer, this safe yield value for unconfined aquifers per K.A.R. 5-3-11 provides a maximum quantity of water available in the area of consideration. If there is a significant quantity of water still remaining, then even with significant reduced recharge to the confined aquifer (in this case it would require about 1/2 of the maximum recharge value or 1.7 inches of recharge) there would still be sufficient water available. Therefore, based on the above discussion, it appears that this application can be approved per K.A.R. 5-3-14, using the best information reasonably available to the chief engineer.

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 July 11, 2018 discussion, Katie Tietsort, Water Commissioner, Topeka Field Office, recommended approval of the referenced application. Based on the above discussion, 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 change in place of use for Water Right, File No. 29,221.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

KEITH & CHERYL JOST
2168 K15 HWY
HILLSBORO KS 67063

September 5, 2018

FILE COPY

Re: Appropriation of Water, File No. 50,059

Dear Mr. and Mrs. Jost:

There is enclosed a permit to appropriate water authorizing you to proceed with construction of the proposed diversion works (except those dams and stream obstructions regulated by K.S.A. 82a-301 through 305a), to divert such unappropriated water as may be available from the source and at the location specified in the permit, and to use it for the purpose and at the location described in the permit.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these approval documents. A water meter is required on the proposed diversion works and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide the information required on the annual water use report.

Failure to notify the Chief Engineer of the Division of Water Resources of the completion of the diversion works within the time allowed, or within any authorized extension of time thereof, will result in the dismissal of this permit. Enclosed is a form which may be used to notify the Chief Engineer that the proposed diversion works have been completed. All requests for extensions of time to complete diversion works, or to perfect appropriations, must be submitted to the Chief Engineer before the expiration of time originally set forth in the permit to complete diversion works or to perfect an appropriation. If for any reason, you require an extension of time, you must request it before the expiration of time set forth in this permit. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for an extension of time shall be accompanied by the required statutory fee, which is currently \$100.00.

There is also enclosed an information sheet setting forth the procedure to obtain a Certificate of Appropriation which will establish the extent of your water right. If you have any questions, please contact our office. If you wish to discuss this specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:dws
Enclosures

pc: Topeka Field Office

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, 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. 50,059** of the applicant

KEITH & CHERYL JOST
2168 K15 HWY
HILLSBORO KS 67063

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 **May 22, 2018**.
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	
25	18S	2E	40	40	40	35	23	40	20	35									273

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 Southwest Quarter of the Northeast Quarter of the Northwest Quarter (SW¼ NE¼ NW¼) of Section 25, more particularly described as being near a point 4,222 feet North and 3,613 feet West of the Southeast corner of said section, in Township 18 South, Range 2 East, Marion 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 **1,600 gallons per minute (3.57 c.f.s.)** and to a quantity not to exceed **324 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, 2019**, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$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 accompanied by the required statutory fee, which is currently \$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, 2023**, 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, which is currently \$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 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 No. 29,221, will provide a **total not to exceed 327.6 acre-feet** of water per calendar year for irrigation use as 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.

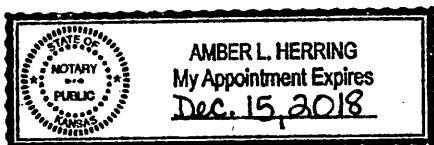
Ordered this 30th day of August, 2018, in Topeka, Shawnee County, Kansas.

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 30th day of August, 2018, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Amber L. Herring

Notary Public

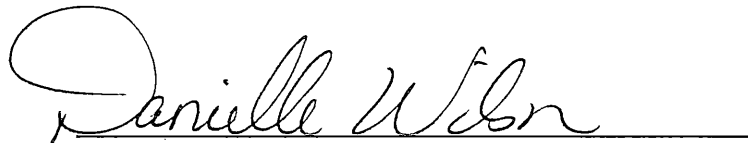
CERTIFICATE OF SERVICE

On this 5th day of September, 2018, I hereby certify that the foregoing Approval of Application, File No. 50,059, dated August 30th, 2018 was mailed postage prepaid, first class, US mail to the following:

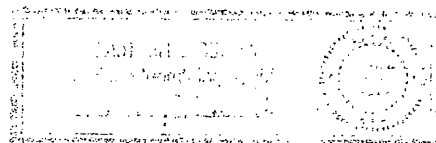
KEITH & CHERYL JOST
2168 K15 HWY
HILLSBORO KS 67063

With photocopies to:

Topeka Field Office



Division of Water Resources



THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

APPLICATION COMPLETE
8-15-18
Reviewer: CAB for DWS

WATER RESOURCES RECEIVED
MAY 22 2018
3:50
KS DEPT OF AGRICULTURE

File Number 50059
This item to be completed by the Division of Water Resources.

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.)

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): Keith Jost
Address: 2168 K 15 HWY
City: HILLSBORO State: KS Zip Code 67063
Telephone Number: (620) 382-4752

2. The source of water is: surface water in _____ (stream)
OR groundwater in COTTONWOOD 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 324 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1,600 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. 1 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use 1PR Source G/S County MAN By DW Date 5/22/18
Code REG 403 Fee \$ 320 TR # _____ Receipt Date 5/22/18 Check # 12284

SCANNED

07/18 DAW

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 SW quarter of the NE quarter of the NW quarter of Section 25, more particularly described as being near a point 4,249 feet North and 3,521 feet West of the Southeast corner of said section, in Township 18 South; Range 2 East, MARION 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):

(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 _____, 2018.

Keith A. Gost
Applicant's Signature

7. The proposed project for diversion of water will consist of 1 Well
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) Already existing under File No. 29,221
(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 Spring 2018
(Mo/Day/Year)

Modified feet Distances per senior file 29,221

Compliance Investigation.

DWS/DWR 6/20/18

File No. # 50,059

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

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- * (A) One in the SW quarter of the NE quarter of the NW quarter of Section 25, more particularly described as being near a point ~~4,249~~^{4,222} feet North and ~~3,624~~^{3,613} feet West of the Southeast corner of said section, in Township 18 South, Range 2 East, MARION 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.

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

 (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 _____, 2018.

Keith Agost
Applicant's Signature

7. The proposed project for diversion of water will consist of 1 Well
(number of wells, pumps or dams, etc.)

and (was)(will be) completed (by) Already existing under File No. 29,221
(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 Spring 2018
(Mo/Day/Year)

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

WATER RESOURCES
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MAY 22 2018

3:50

KS DEPT OF AGRICULTURE

File Number 50059

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

**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.)

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): Keith Jost
Address: 2168 K 15 HWY
City: HILLSBORO State: KS Zip Code 67063
Telephone Number: (620) 382-4752

2. The source of water is: surface water in _____ (stream)
OR groundwater in COTTONWOOD 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 324 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1,600 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. 1 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G S County MAN By DW Date 5/22/18
Code REG Fee \$ 320 TR # _____ Receipt Date 5/22/18 Check # 12284

6/7/18 DAW

- 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.

File No. 29,221 covers point of diversion.

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 _____, Kansas, this _____ day of _____, _____
(month) (year)


(Applicant Signature)

APPLICANT(S) SOCIAL SECURITY IDENTIFICATION NUMBER(S)

By _____
(Agent or Officer Signature)

and/or
APPLICANT(S) TAXPAYER I.D. NO.(S)

(Agent or Officer - Please Print)

Assisted by DWS/AJW TOPEKA FO Date: 5/21/2018
(office/title)

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MAY 22 2018

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 50059

Name of Applicant (Please Print): Keith Jost

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: Keith Jost

ADDRESS: 2168 K 15 Highway Hillsboro Ks 67063

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
25	18	2E	40	40	40	35	23	40	20	35									270 273

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
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(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. 50059

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.

Keith P Jost
Signature of Applicant

Keith P Jost
(Print Applicant's 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 22nd day of May, 2018.



Danielle Wilson
Notary Public

My Commission Expires: 8/23/2020

WATER RESOURCES
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MAY 22 2018

**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 Rights and Points of Diversion Within 2.00 miles of point defined as:

#50,059

meets well spacing

4222 ft N and 3613 ft W of the SE Corner of Section 25, T 18S, R 2E

Located at: 97.163251 West Longitude and 38.461300 North Latitude

GROUNDWATER ONLY

```

=====
File Number   Use ST SR Dist (ft) Q4 Q3 Q2 Q1 FeetN FeetW Sec Twp  Rng  ID Batt Auth_Quan  Add_Quan Unit
A__ 48333 00 IRR LO G      8259 -- SW SE SE    75 1260 22 18  2E 12          500.00   430.80 AF
=====

```

```

Total Net Quantities Authorized:   Direct           Storage
Total Requested Amount (AF) =       .00              .00
Total Permitted Amount (AF) =       .00              .00
Total Inspected Amount (AF) =     430.80            .00
Total Pro_Cert Amount (AF) =        .00              .00
Total Certified Amount (AF) =        .00              .00
Total Vested Amount (AF) =          .00              .00
TOTAL AMOUNT (AF) =                430.80            .00

```

An * after the source of supply indicates a pending application for change for the file number.

An * after the ID indicates a 15 AF exemption was granted for the file number.

A "G" in the Batt column indicates the GEO CTR of a battery. A "B" indicates a well in the battery.

The number in the Batt column is the number of wells in the battery.

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

97.163251 West Longitude and 38.461300 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

```

=====
File Number   Use ST SR
A__ 48333 00 IRR LO G
> CLYDE & SHARON JOST
>
> 913 220TH
> HILLSBORO KS 67063
>
=====

```

Analysis Results

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

The safe yield based on the variables listed below is 1,558.23 AF.

Total prior appropriations in the circle is 794.80 AF. **- 324 AF + 69.2 = 540 AF**

Total quantity of water available for appropriation is ~~763.43~~ AF.

1,018.23 AF

50,059
meets safe
yield

Safe Yield Variables

The area used for the analysis is set at 8,042 acres.

The potential annual recharge at the circle center is estimated to be 3.1 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 26-JUN-2018 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.

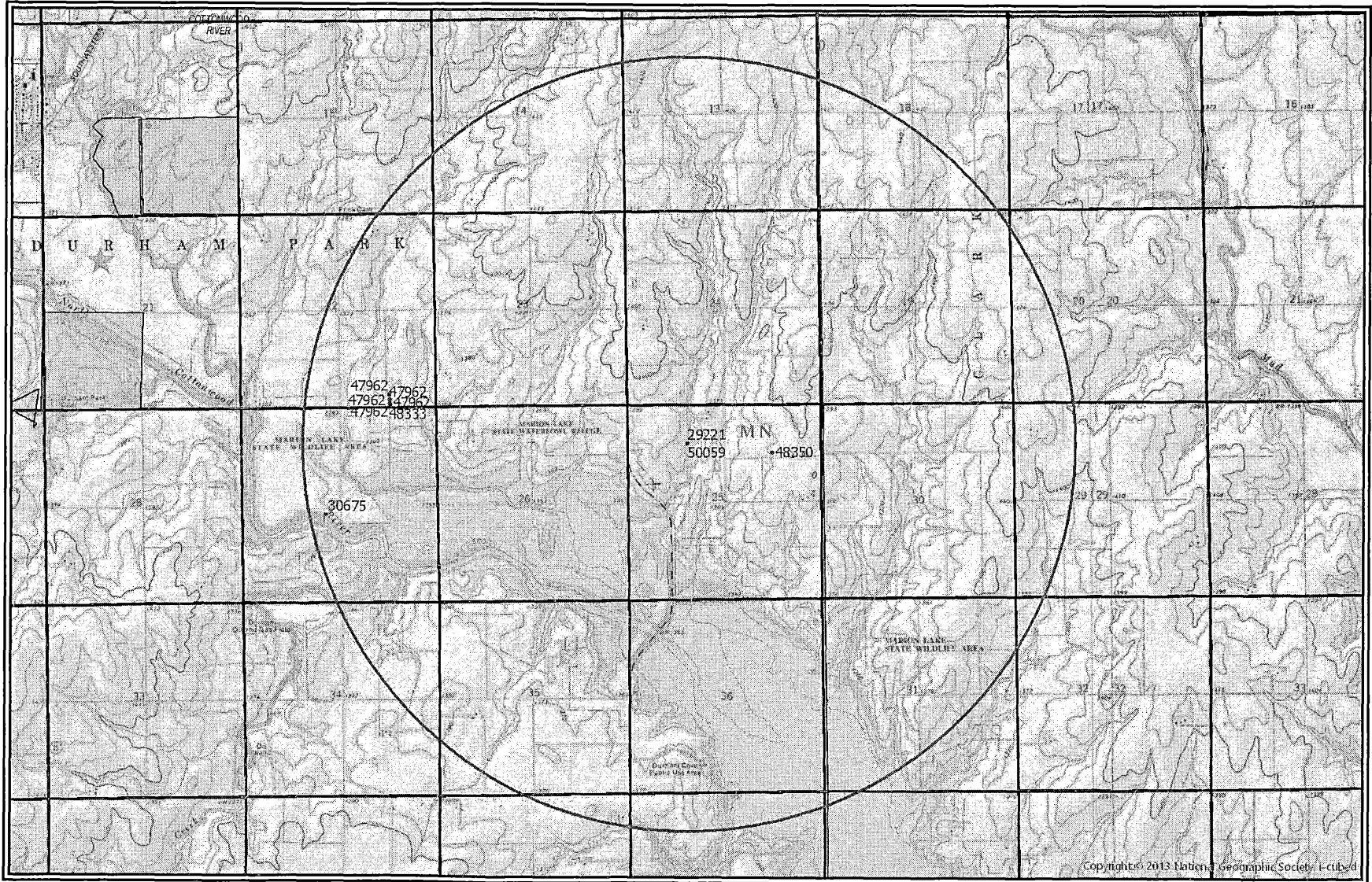
There are 3 water rights and 2 points of diversion within the circle.

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 29221 00	IRR	NK	G		SW	NE	NW	0	0	25	18	02E	1	WR	40.00	40.00	178.00	178.00
A 48333 00	IRR	LO	G		SW	SE	SE	75	1260	22	18	02E	12	WR	500.00	430.80 + 69.2	629.00	0.00
A 50059 00	IRR	AY	G		SW	NE	NW	0	0	25	18	02E	1	WR	324.00	324.00	270.00	270.00

Limitations

File Number	Seq Num	Limitations
A 48333 00	1	754.8AF/YR COM/W #47963

Safe Yield Report Sheet
Water Right- A5005900
Point of Diversion in 25-18S-02E
Footages from SE corner- 0 feet North 0 feet West



WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Marion</u>	Fraction <u>1/4 NW 1/4 NE 1/4 NW 1/4</u>	Section Number <u>24</u>	Township No. T <u>18</u> S	Range Number R <u>2</u> <input checked="" type="checkbox"/> E <input type="checkbox"/> W
---	---	-----------------------------	-------------------------------	---

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here . **Global Positioning System (GPS) information:**
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Eugene Schaefer
 RR#, Street Address, Box #: Dunham, KS
 City, State, ZIP Code: 67430

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

	X		
--NW--	--NE--		
--SW--	--SE--		

 S
 |-----1 mile-----|

4 DEPTH OF COMPLETED WELL ft.
 Depth(s) Groundwater Encountered (1) 65 ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL 26 ft. below land surface measured on mo/day/yr. 8-16-11
 Pump test data: Well water was ft. after hours pumping gpm
 EST. YIELD 25 gpm. Well water was ft. after hours pumping gpm
 Bore Hole Diameter in. to ft., and in. to ft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well Cattle
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
 CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to 65 ft., Diameter in. to ft.
 Casing height above land surface... 24 in., Weight SDR26 lbs./ft., Wall thickness or gauge No. 21
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
 SCREEN-PERFORATED INTERVALS: From 45 ft. to 65 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 20 ft., From ft. to ft.
 What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below) NOT Home well
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well In Pasture
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	32	Yellow Clay			
32	55	Blue Shale			
55	56	Crumbled Shale + Water			
56	65	Gray Shale			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 8-16-11 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 180. This Water Well Record was completed on (mo/day/year) 8-30-11 under the business name of Bacabus Drilling by (signature) Paul Bacabus

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

1 LOCATION OF WATER WELL: County: Marion Fraction Ne 1/4 Ne 1/4 Ne 1/4 1/4 Section Number 24 Township Number T 18 S Range Number R 2 E W

2 WELL OWNER: Last Name: Hein First: Leonard 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:
 Business: 2414 Kanza
 Address:
 Address:
 City: Hillsboro State: Ks ZIP: 67063

3 LOCATE WELL WITH "X" IN SECTION BOX:

N			
--NW--	--NE--	X	
W			E
--SW--	--SE--		
S			

-----1 mile-----

4 DEPTH OF COMPLETED WELL: 50 ft.
 Depth(s) Groundwater Encountered: 1) 42 ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 37 ft.
 below land surface, measured on (mo-day-yr).....
 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: 8-10 gpm
 Bore Hole Diameter: 8-1/2 in. to ft. and
 in. to ft.

5 Latitude: (decimal degrees)
Longitude: (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:ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input checked="" type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Feedlot <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal; how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> 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 3 in. to 3.0 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 12 in. Weight SDR 26 lbs./ft. Wall thickness or gauge No.
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 30 ft. to 50 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 50 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 20 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)
 Direction from well? In pasture Distance from well? for cattle ft.

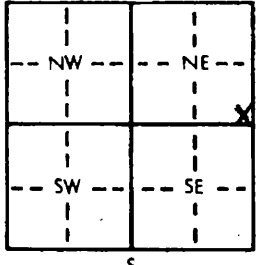
10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top Soil			
3	35	Yellow Shale			
35	37	Crumbled Yellow Shale + Water			
37	50	Blue Shale			
			Notes:		

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) 3-17-13, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 100 This Water Well Record was completed on (mo-day-year) under the business name of Backhus Drilling

1 LOCATION OF WATER WELL: Fraction Se 1/4 Se 1/4 Ne 1/4 Section Number 25 Township Number T 18 S Range Number R 2 E
 County: Marion

Distance and direction from nearest town or city street address of well if located within city?
6 1/2 S Tampa

2 WATER WELL OWNER: Herman Bolte
 RR#, St. Address, Box #: PRI Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Tampa, KS 67483 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 66 ft. ELEVATION: 62 ft.
 Depth(s) Groundwater Encountered 1 ft. 2. 30 ft. 3. 62 ft.
 WELL'S STATIC WATER LEVEL 22 ft. below land surface measured on mo/day/yr 2-28-86
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield 30 gpm Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter 8 1/2 in. to 66 ft., and _____ in. to _____ ft.
 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 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded _____
 Blank casing diameter 5 in. to 46 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 24 in., weight Class 160 lbs./ft. Wall thickness or gauge No. 214
 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 46 ft. to 66 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 66 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ 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., 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
 Direction from well? W How many feet? 50+

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	38	Yellow Clay			
38		Some Water			
38	50	Yellow + Brown Clay			
50	62	Gray Clay			
62	63	Water			
63	66	Gray Clay + Shale			

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) 2-28-86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 180 This Water Well Record was completed on (mo/day/yr) 3-5-86 under the business name of Backhoe Drilling by (signature) Paul Backhoe

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

T

R

EW

SEC.

1/4

1/4

1/4

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

47,962

1 LOCATION OF WATER WELL: County: Marion	Fraction ¼ SW ¼ SE ¼ SE ¼	Section Number 22	Township No. T 18 S	Range Number R2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> 2 miles South & 1-3/4 mile East of Durham, KS		Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
2 WATER WELL OWNER: Jost Farms RR#, Street Address, Box #: 2156 K-15 Hwy City, State, ZIP Code : Hillsboro, KS 67063				

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

NW	NE
SW	SE

S
-----1 mile-----

X

4 DEPTH OF COMPLETED WELL **64** ft.
Depth(s) Groundwater Encountered (1).....**10**..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL.....**10**..... ft. below land surface measured on mo/day/yr. **4/3/12**.....
Pump test data: Well water was..... ft. after..... hours pumping..... gpm
EST. YIELD ~~300-400~~ gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter ...**18**.....in. to**55**.....ft., and**9**.....in. to**64**..... ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other
CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter**10**..... in. to**55**..... ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface.....**12**..... in., Weight**8.878**..... lbs./ft., Wall thickness or gauge No. **.413**.....
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From..... ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From.....**20**..... ft. to~~52~~..... ft., From ft. to ft.
From..... ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From**0**..... ft. to**20**..... ft., From**52**..... ft. to**55**..... ft., From ft. to ft.
What is the nearest source of possible contamination: **None within 1/4 mile**
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Topsoil			
3	8	Clay, tan			
8	14	Clay, sandy tan			
14	23	Clay, gray			
23	55	Shale, gray			
55	59	Limestone, hard			
59	59.5	Fractured Limestone - <i>Water</i>			
59.5	64	Limestone, Hard			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) **4/3/12** and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. ...**138**..... This Water Well Record was completed on (mo/day/year) **4/5/12**
under the business name of **Peterson Irrigation, Inc.** by (signature) *Mike Peterson*

INSTRUCTIONS: Use typewriter or ball point pen. **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

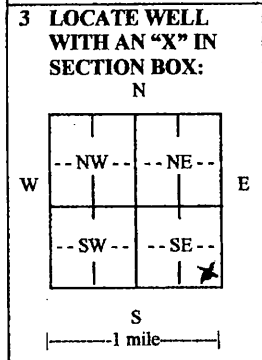
47,227

1 LOCATION OF WATER WELL: County: Marion	Fraction ¼ SE ¼ SE ¼ SE ¼	Section Number 33	Township No. T 18 S	Range Number R 2 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
3 miles South & 1 mile East of Durham, KS

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Jost Farms, c/o Keith Jost
 RR#, Street Address, Box #: 2168 K15
 City, State, ZIP Code : Hillsboro, KS 67063



4 DEPTH OF COMPLETED WELL 60 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL 11 ft. below land surface measured on mo/day/yr. 5/4/09.....
 Pump test data: Well water was.....ft. after..... hours pumping..... gpm
 EST. YIELD. 600.....gpm. Well water was.....ft. after..... hours pumping..... gpm
 Bore Hole Diameter 20.....in. to 60.....ft., andin. toft.
 WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 12..... in. to 40..... ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18..... in., Weight 12.52.....lbs./ft., Wall thickness or gauge No. 0.490.....
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)
SCREEN-PERFORATED INTERVALS: From 40..... ft. to 60..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20..... ft. to 60..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

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

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well None within 1/4 mile.....
 Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Topsoil			
3	35	Clay, Gray			
35	40	Shale, Gray, hard			
40	42	Limestone			
42	43	Fractured Limestone (Cavity)			
43	54	Limestone			
54	56	Shale, Gray - Fractured			
56	58	Limestone			
58	59	Shale, Gray, hard			
59	60	Limestone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 5/4/09..... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 138..... This Water Well Record was completed on (mo/day/year) 5/8/09.....
 under the business name of Peterson Irrigation, Inc..... by (signature) Mike Peters

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

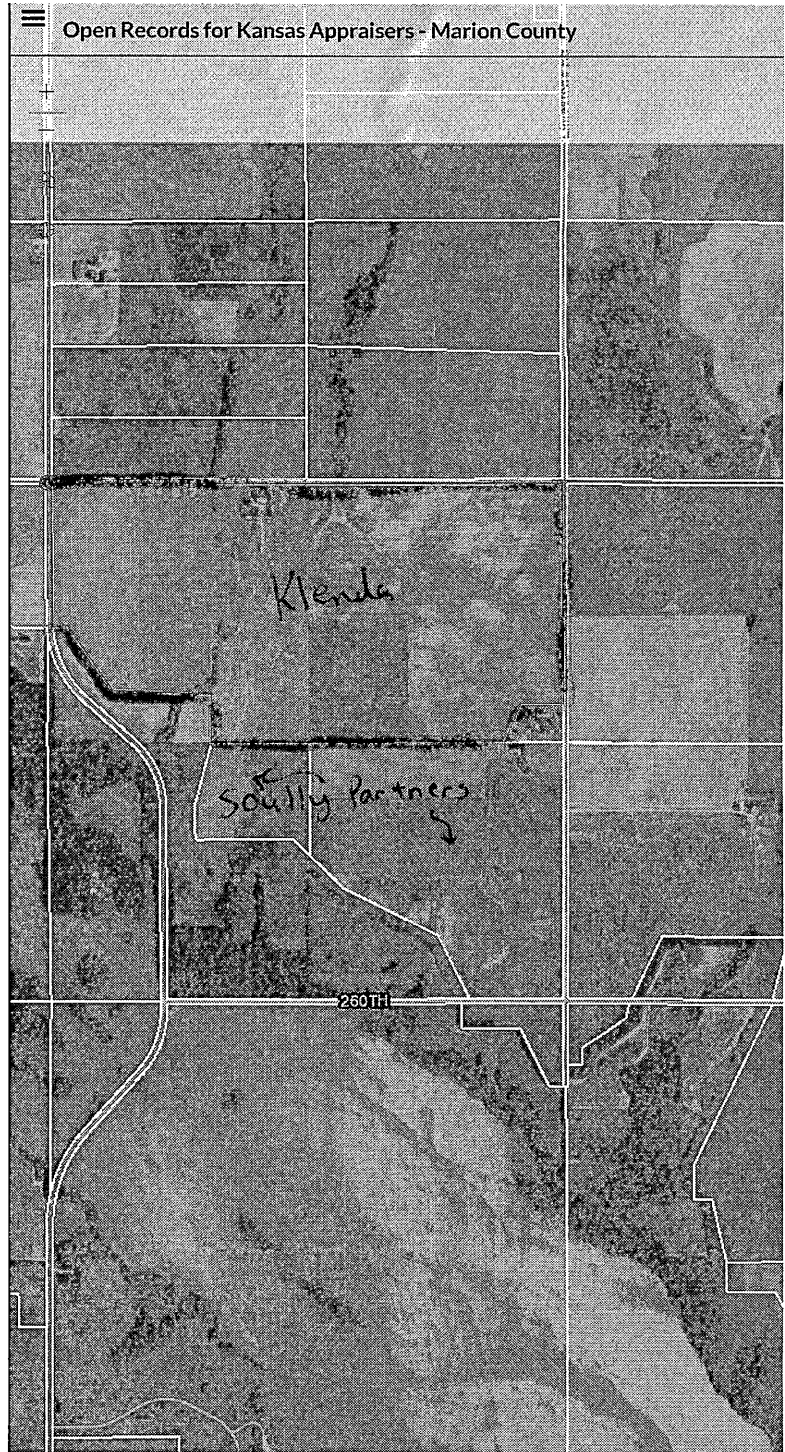


List

Parcels matching undefined

Results

<u>0570672500000002000</u> 1239 270TH, Tampa, KS 67483	KLEDA, THOMAS J & CAROLA
<u>0570672500000003000</u> 00000 CR, Tampa, KS 67483	MARION RESERVOIR ARMY ENGINEER
<u>0570672500000001000</u> 2649 LIMESTONE, Tampa, KS 67483	MEYER, MARK & MARSHA E SETZKORN-MEYER
<u>057067250000000400A</u> 00000 CR, Tampa, KS 67483	SCULLY PARTNERS LP
<u>0570672500000004000</u> 00000 CR, Tampa, KS 67483	SCULLY PARTNERS LP



Property Details for PID: 0570672500000002000

QuickRef ID : R1632

Owner Name : KLEND A, THOMAS J & CAROL A

Location: 1239 270TH, Tampa, KS 67483

Abbreviated
Boundary
Description:

S25, T18, R02, ACRES 285.35, PRT NW/4 BEG
SE/C NW/4 TH N TO NE/C TH W TO NW/C TH S
3490' E 175' SE 835' E 915' S 490' E 1000' POB &
NE/4 EXC BEG SE/C NE/4 TH NWLY 630.21 'NEY
434.76' SELY 459.61' TH S 400' TO POB LESS
ROW

Owner Information:

Owner KLEND A, THOMAS J & CAROL A

Mailing Address 1239 270TH TAMPA, KS 67483

Property Information:

Type Farm Homesite

Status Active

Taxing Unit 066-DURHAM PARK TOWNSHIP

Neighborhood
Code 300.3

Secondary Address Details

Property Details for PID: 0570672500000002000

QuickRef ID : R1632

Owner Name : KLEND A, THOMAS J & CAROL A

Location: 1239 270TH, Tampa, KS 67483

Abbreviated Boundary Description: S25, T18, R02, ACRES 285.35, PRT NW/4 BEG SE/C NW/4 TH N TO NE/C TH W TO NW/C TH S 3490' E 175' SE 835' E 915' S 490' E 1000' POB & NE/4 EXC BEG SE/C NE/4 TH NWLY 630.21 'NEY 434.76' SELY 459.61' TH S 400' TO POB LESS ROW

Owner Information:

Owner KLEND A, THOMAS J & CAROL A

Mailing Address 1239 270TH TAMPA, KS 67483

Property Information:

Type Farm Homesite

Status Active

Taxing Unit 066-DURHAM PARK TOWNSHIP

Neighborhood Code 300.3

Secondary Address Details

Type	Quantity	Size	Year Built	Grade	Condition
Tool Shed		20X30	1950	FR	PR
Tool Shed		12X20	1950	FR	PR
Site Improvements		14X8	1960	AV	PR

Aerial image



I acknowledge that
and give permission to Keith Jost
to apply for more water
on permit # ~~29221~~ 29221. I sold
the land on $2NW\frac{1}{4}$ and $NE\frac{1}{2}$
25-18-2 to Keith Jost

5-22-2018

Tom Klenda

Tom J. Klenda

WATER RESOURCES
RECEIVED

MAY 22 2018

KS DEPT OF AGRICULTURE
SCANNED

STATE OF KANSAS

DEPARTMENT OF AGRICULTURE
1320 RESEARCH PARK DRIVE
MANHATTAN, KS 66502
PHONE: (785) 564-6700
FAX: (785) 564-6777



900 SW JACKSON, ROOM 456
TOPEKA, KS 66612
PHONE: (785) 296-3556
www.agriculture.ks.gov

GOVERNOR JEFF COLYER, M.D.
JACKIE McCLASKEY, SECRETARY OF AGRICULTURE

May 22, 2018

KEITH JOST
2168 K15 HWY
HILLSBORO KS 67063

RE: Application
File No. 50059

Dear Sir or Madam:

Your application for permit to appropriate water in 25-18S-2E in Marion County, was received and has been assigned the file number noted above.

As a matter of record, the Division of Water Resources has on hand a large number of applications awaiting processing. Therefore to be fair to all concerned, and so that we can process those applications on hand in the order they were received, we intend to concentrate on the backlog of applications until the issue is resolved. Once review of your application has begun, we will contact you, if additional information is required.

In accordance with the provisions of the Kansas Water Appropriation Act, a portion of which is included below, the use of water as proposed prior to approval of the application is unlawful. Once approved, compliance with the terms, conditions and limitations of the permit is necessary. Conservation of the water resources of Kansas is required.

Section 82a-728 of the Kansas Water Appropriation Act, provides (a) except for the appropriation of water for the purpose of domestic use, . . . it shall be unlawful for any person to appropriate or threaten to appropriate water from any source without first applying for and obtaining a permit to appropriate water in accordance with the provisions of the Water Appropriation Act or for any person to violate any condition of a vested right, appropriation right or an approved application for a permit to appropriate water for beneficial use.

(b) (1) The violation of any provision of this section by any person is a class C misdemeanor . . .

A class C misdemeanor is punishable by a fine not to exceed \$500 and/or a term of confinement not to exceed one month in the county jail. Each day that the violation occurs constitutes a separate offense.

If you have any questions, please contact me at (785) 564-6637. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Applications Unit Supervisor
Water Appropriation Program

BAT: dlw
pc: TOPEKA Field Office
GMD

WATER RESOURCES
RECEIVED

MAY 22 2018

KS DEPT OF AGRICULTURE **SCANNED**

50059



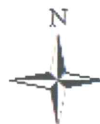
United States Department of Agriculture 2018 Crop Year
 Farm Service Agency

September 26, 2017

Irrig / Non Irr

Farm: 8142
 Tract: 701

Marion County, KS
 1:4,310



WATER RESOURCES
 RECEIVED

MAY 22 2018

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area.
 Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.
 For Acreage Reporting Only.

KS DEPT OF AGRICULTURE
SCANNED

50059



United States Department of Agriculture 2018 Crop Year September 26, 2017
 Farm Service Agency Irrig / Non Irr

Farm: 8142
 Tract: 6920

Marion County, KS
 1:4,332



25-18-2

WATER RESOURCES RECEIVED

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS. For Acreage Reporting Only.

MAY 22 2018
SCANNED

KS DEPT OF AGRICULTURE