

File No. **49,608** 15. Formation Code: **330** Drainage Basin: **REPUBLICAN RIVER** County: **CD** Special Use: Stream:

16. Points of Diversion									
T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	
MOD	85194	SE NW SE	10	7	2W	1	1620	1725	

17. Rate and Quantity				
Authorized		Additional		
Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
1200	199.8	1200	199.8	NONE

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

19. Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____
 Limitation: _____ af/yr at _____ gpm (_____ cfs) when combined with file number(s) _____

20. Meter Required? Yes No To be installed by **12/31/2017** Date Acceptable Meter Installed _____

21. Place of Use										Total	Owner	Chg? NO	Overlap Files													
T MOD DEL ENT	PUSE	S	T	R	ID	NE¼								NW¼				SW¼				SE¼				
						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					
√	67672																							7a.	NO	NONE

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: August 15, 2016

FROM: Doug Schemm

RE: Application, File No. 49,608

Jeffery Kindel has filed the above referenced new application to appropriate 199.8 acre-feet of groundwater at a diversion rate of 1,200 gallons per minute for irrigation use, from one proposed well. There are no overlapping files in point of diversion or place of use. The applicant owns the entire place of use of 153.7 acres, and has signed the application form stating he has access to the point of diversion. The well will be located in the Southeast Quarter of Section 10, Township 7 South, Range 2 West, Cloud County. The requested quantity of water of 199.8 acre-feet on a 153.7 acre place of use, is equivalent to 1.3 acre-feet per acre, which is the maximum allowable for Cloud County, Kansas.

Based on test hole log, it appears that the source of water meets the definition of the unconfined Dakota aquifer system per K.A.R. 5-1-1(iiii) "Unconfined Dakota aquifer system" means that portion of the Dakota aquifer system not overlain by a confining layer in which the aquifer is in equilibrium with atmospheric pressure. The test hole log shows that sandstone was encountered at a relatively shallow depth of 37 feet below ground surface and it extends to at least 245 feet below ground surface (still in sandstone at bottom of test hole). No static water level was provided. Nearby wells indicated depths to water ranging from 60 to 80 feet below ground surface. This would indicate that the aquifer is not overlain by a confining layer and the aquifer is not under confining pressure, adjacent to the well.

However, other area wells (see well logs labeled as D-6 and D-7) indicate they are completed in the "Confined Dakota aquifer system", with static water levels extending above the aquifer. A review of senior files indicates that the area to the northwest is also confined. Therefore these areas were truncated out of the aquifer extent (see safe yield sheet).

K.A.R. 5-3-11 applies to safe yield evaluations for all unconfined aquifers, and using this method, with the aquifer extent of 6,443 acres, 2.5 inches of recharge, and 75% available, safe yield is 1,006.72 acre-feet. Existing appropriations have appropriated 333.88 acre-feet, so this application would clearly meet safe yield criteria. This safe yield evaluation is consistent with all other unconfined Dakota aquifer system files. It is especially relevant for this file because of the shallow depth to the sandstone aquifer, which would allow it to receive more direct recharge from precipitation.

The applicant identified two domestic wells within one-half mile of the proposed point of diversion, one of which is owned by the applicant. In addition, the City of Aurora has municipal wells within one-half mile based on the WRIS database. Therefore, nearby well owner letters were sent to each of these entities on July 28, 2016. The nearby domestic well owner called and asked about potential impact to their well, but provided no specific information that approval of this application would impair their domestic well, which is located over 2,200 feet from the proposed irrigation well. The well spacing criteria for the unconfined Dakota aquifer system is 1,320 feet to domestic wells and one-half mile between non-domestic wells, so the application complies with minimum well spacing criteria to the domestic well. The initial location of the well did not meet spacing to the City's municipal well, but moving the proposed well slightly to the northeast (approx. 75 feet) allowed it to comply with spacing requirements.

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.

Jeffery Kindel
File No. 49,608
Page 2

In an August 11, 2016 e-mail, Kelly Stewart, Water Commissioner, Stockton Field Office, recommended approval of the referenced new 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.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

August 29, 2016

JEFFERY & KRISTINA KINDEL
1021 N 220TH RD
AURORA KS 67417

FILE COPY

Appropriation of Water, File No. 49,608

Dear Mr. and Mrs. Kindel:

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 a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

Brent A. Turney, P.G.
Change Application Unit Supervisor
Water Appropriation Program

BAT:dws
Enclosures

pc: Stockton Field Office

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

FILE COPY

**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. 49,608** of the applicant

**JEFFERY KINDEL
1021 N 220TH RD
AURORA KS 67417**

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

1. That the priority date assigned to such application is **April 7, 2016**.
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				
10	7S	2W																38	40	37.7	38	153.7

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 Southeast Quarter of the Northwest Quarter of the Southeast Quarter (SE¼ NW¼ SE¼) of Section 10, more particularly described as being near a point 1,620 feet North and 1,725 feet West of the Southeast corner of said section, in Township 7 South, Range 2 West, Cloud 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 **1,200 gallons per minute (2.67 c.f.s.)** and to a quantity not to exceed **199.8 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, 2017** or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works has been completed. Failure to timely submit the notice and the fee will result in revocation of the permit. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before December 31, 2021 or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee of \$100.00.

7. That the applicant shall not be deemed to have acquired a water appropriation for a quantity in excess of the amount approved herein nor in excess of the amount found by the Chief Engineer to have been actually used for the approved purpose during one calendar year subsequent to approval of the application and within the time specified for perfection or any authorized extension thereof.

8. That the use of water herein authorized shall not be made so as to impair any use under existing water rights nor prejudicially and unreasonably affect the public interest.

9. That the right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the streamflow at the appropriator's point of diversion.

10. That this permit does not constitute authority under K.S.A. 82a-301 through 305a to construct any dam or other obstruction; nor does it grant any right-of-way, or authorize entry upon or injury to, public or private property.

11. That all diversion works constructed under the authority of this permit into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic quick-closing, check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

12. That all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with 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.

This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer, or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. The applicant, if aggrieved by this Order, may petition for administrative review, pursuant to K.S.A. 82a-711(c) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564-6777.

Ordered this 26 day of August, 2016, 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 26 day of August, 2016, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

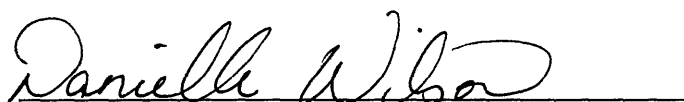
CERTIFICATE OF SERVICE

On this 29 day of August, 2016, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,608, dated August 26, 2016 was mailed postage prepaid, first class, US mail to the following:

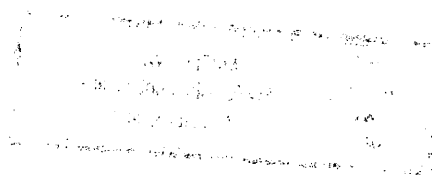
JEFFERY & KRISTINA KINDEL
1021 N 220TH RD
AURORA KS 67417

With photocopies to:

Stockton Field Office



Division of Water Resources



49,608

Schemm, Doug

Subject: 49,608 - Jeffrey Kindel

From: Stewart, Kelly
Sent: Thursday, August 11, 2016 1:07 PM
To: Schemm, Doug
Cc: Billinger, Mark; Hageman, Rebecca
Subject: RE: Jeff Kindel

Doug,

I have no objection to the approval of this application.

Kelly

From: Schemm, Doug
Sent: Wednesday, August 10, 2016 3:47 PM
To: Stewart, Kelly <Kelly.Stewart@ks.gov>
Cc: Billinger, Mark <Mark.Billinger@ks.gov>
Subject: Jeff Kindel

Hello,

I moved the proposed well location about 75' NE and that puts it over ½ mile from the city well. The safe yield was based on the domestic wells to the southwest being clearly confined Dakota, and I know from the ethanol/Reedy files that we have some confined to the Northwest, so that's what I end up with.

Both of the IRR wells in the circle appear to be good wells. Meets all the regs.

Thanks, Doug

APPLICATION COMPLETE

8/17/2016

Reviewer DWS

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE

Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David W. Barfield, Chief Engineer

File Number 49,608
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED

RECEIVED

JUN 21 2016

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.)

APR 07 2016

2:41

KS DEPT OF AGRICULTURE

Topeka Field Office
DIVISION OF WATER RESOURCES

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): Jeffery Kindel

Address: 1021 N 220th Rd

City: Aurora State KS Zip Code 67417

Telephone Number: (785) 275-2630

2. The source of water is: surface water in _____ (stream)

OR groundwater in REPUBLICAN 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 199.8 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 1,200 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. 3 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G/S County CD By AJW Date 4/7/16
Code 1022 Fee \$ 300 TR # 16041250 Receipt Date 4/7/16 Check # 2491

SCANNED

4/18/2016 UM

* Moved well $\approx 75'$ NE to meet $\frac{1}{2}$ mile spacing to MUN well. Applicant agreed to move in 8/11/2016 telephone call. DWS/DWR 8/11/16

File No. 49,608

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 SE quarter of the NW quarter of the SE quarter of Section 10, more particularly described as being near a point ~~1,550~~^{1620*} feet North and ~~1,765~~^{1725*} feet West of the Southeast corner of said section, in Township 7 South, Range 2 WEST, CLOUD 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 ($\frac{1}{4}$) 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.

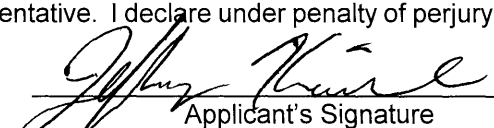
6. The owner of the point of diversion, if other than the applicant is (please print):

JEFFERY & KRISTINA KINDEL
(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 4-7, 2016. 
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 ONE WELL ONE PUMP
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) SPRING 2017
(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 2017.
(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.

NONE

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

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

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

14. The relationship of the applicant to the proposed place where the water will be used is that of

OWNER
(owner, tenant, agent or otherwise)

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

(name, address and telephone number)

(name, address and telephone number)

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

Dated at Manhattan, Kansas, this 2th day of April, 2016.
(month) (year)


(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by BAT _____ ES III _____ Date: 4/7/2016 _____
(office/title)

WATER RESOURCES
RECEIVED

APR 07 2016

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,608

Name of Applicant (Please Print): JEFFERY KINDEL

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: JEFFERY & KRISTINA KINDEL

ADDRESS: 1021 N 220TH RD, AURORA, KS 67417

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
10	7	2W													38	40	37.7	38	153.7

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	

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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
B	_____	_____	_____
Total:	100 %		

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

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

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:

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: _____ psi
- (2) What is the sprinkler package design rate? _____ gpm
- (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? _____ feet
- (4) Please include a copy of the sprinkler package design information.

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

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).

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

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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %	_____	_____

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

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

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:

ii. For sprinkler systems:

- (1) Estimate the operating pressure at the distribution system: 45 psi
- (2) What is the sprinkler package design rate? 1200 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? 175 feet
- (4) Please include a copy of the sprinkler package design information.

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

Corn, Soybeans, wheat, alfalfa

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).

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

WATER RESOURCES RECEIVED

APR 07 2016

49,608

Williams Drilling Co., Inc.
P. O. Box 327
Belvidere, Nebraska 68315
Phone 800-477-3745 **Fax 402-768-6099**

JEFF KINDEL TEST HOLE

SEC. 10, T7S, R2W

LAT. 39° 27' 22.6"

LON. 097° 31' 25.07"

0-1	TOP SOIL
1-13	TAN CLAY
13-37	FIRE CLAY
37-47	SAND STONE
47-51	SAND ROCK
51-57	HARD LAYER
57-245	SAND STONE

**WATER RESOURCES
RECEIVED**

APR 07 2016

KS DEPT OF AGRICULTURE SCANNED

INPUTS	
Target Section Definition	Kindel Test Hole
Section	10
Township	7
Range	2
Range Direction	W
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-97.523631
Target Latitude	39.456278

Load Data and Compute

- Instructions**
1. Enter values for section, township, range and range direction.
 2. Enter *NAD27* or *NAD83* longitude and latitude of target point.
 3. Click "Load Data and Compute" button.
 4. Use feet distances corresponding to datum of target point.

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	39.45200959	-97.53635343
NW	39.46656661	-97.53624681
NE	39.46659728	-97.51749331
SE	39.45199416	-97.51769196
Degrees Longitude per Foot		3.54147669E-06
Degrees Latitude per Foot		2.74539674E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1555	-3592
NW	-3748	-3562
NE	-3759	1733
SE	1560	1677

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	39.45201100	-97.53604100
NW	39.46656800	-97.53593400
NE	39.46659900	-97.51718100
SE	39.45199600	-97.51738000
Degrees Longitude per Foot		3.54147677E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	1554	-3504
NW	-3747	-3474
NE	-3759	1821
SE	1559	1765

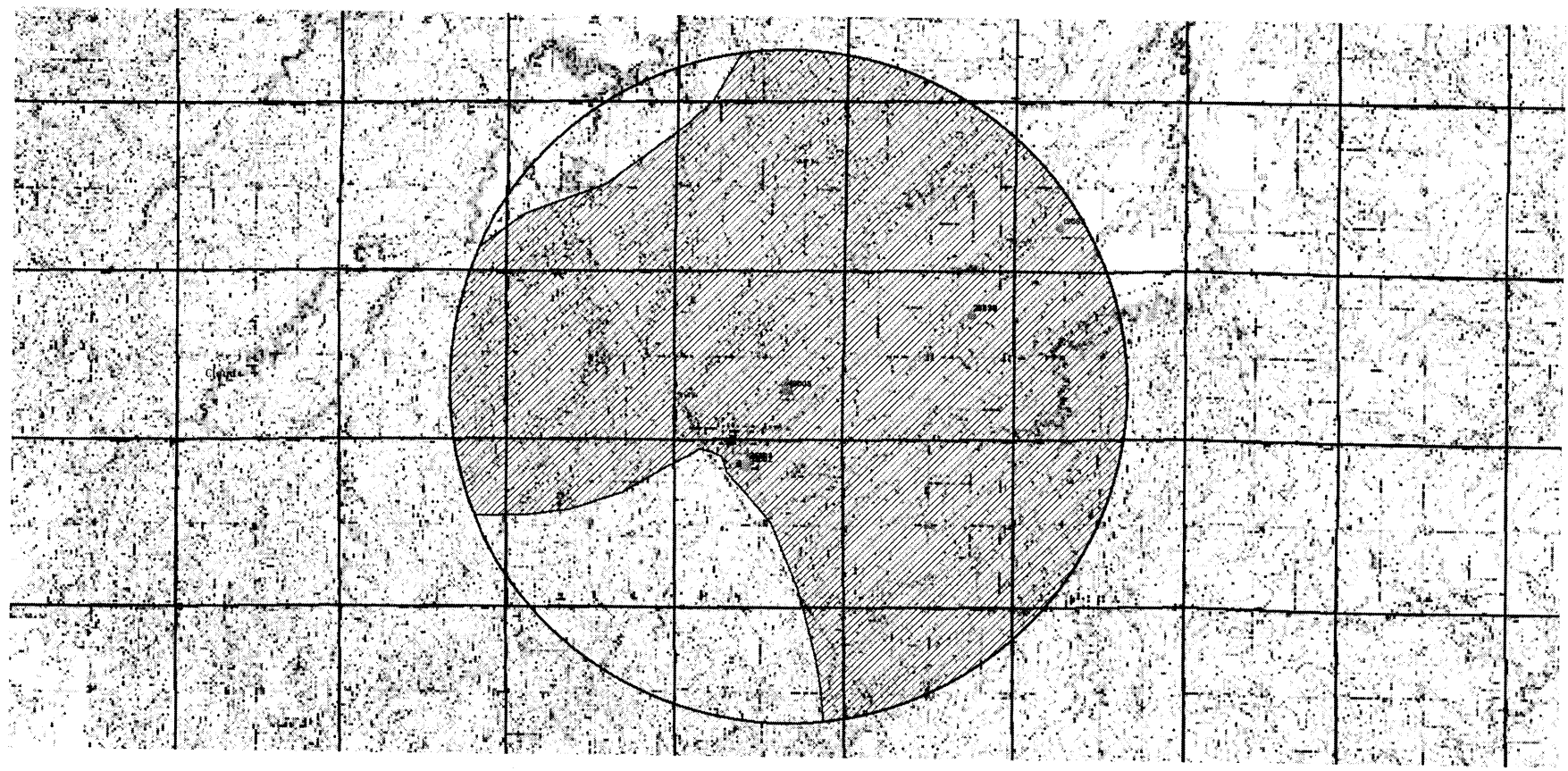
WATER RESOURCES
RECEIVED

APR 07 2016

KS DEPT OF AGRICULTURE

#49,608

Safe Yield Report Sheet
Proposed Water Right Application
Point of Diversion in NWSNWSE 10-07S-02W
FILE NO. 49,608 (1,620'N & 1,725'W)



File #49,608
meets safe
yield

Analysis Results

The selected PD is in an area to new appropriations.
 The safe yield, based on the variables listed below is 1,006.72 AF.
 Total prior appropriation in the circle is 533.68 AF. $-199.8 AF = 333.88$
 Total quantity of water available for appropriation is ~~478.04~~ AF.
 672.84

Safe Yield Variables

The area used for the analysis is set at 6443 acres.
 Potential annual recharge of the area is estimated to be 2.5 inches.
 The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 09-AUG-2016 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 6 water right(s) and 5 point(s) 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	Tacres	Nacres
A	19685 00	IRR	NK	G		NC	SW	1385	3960	01	07	02W	1	WR	149.00	149.00	160.00	160.00
A	28839 00	IRR	NK	G		NC	NE	3925	1320	11	07	02W	2	WR	168.00	168.00	160.00	160.00
A	36502 00	MUN	NK	G		SE	NE NW	4500	3050	15	07	02W	1	WR	3.84	3.84		
A	36503 00	MUN	NK	G		SE	NE NW	4600	3050	15	07	02W	2	WR	3.84	3.84		
A	49608 00	IRR	AY	G		SE	NW SE	1559	1765	10	07	02W	1	WR	199.80	199.80	153.70	153.70
V CD	3 00	MUN	AA	G		SE	NE NW	4500	3050	15	07	02W	1	WR	9.21	9.21		
Same		MUN	AA	G		SE	NE NW	4600	3050	15	07	02W	2	WR				

Water Rights and Points of Diversion Within 2.00 miles of point defined as:
 1620 ft N and 1725 ft W of the SE Corner of Section 10, T 7S, R 2W
 Located at: 97.523489 West Longitude and 39.456444 North Latitude

*Revised feet Distances
 to meet 1/2 mile spacing*

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__ 19685 00	IRR	NK	G	9936	--	--	NC	SW	1385	3960	1	7	2W	1		149.00	149.00	AF
A__ 28839 00	IRR	NK	G	6215	--	--	NC	NE	3925	1320	11	7	2W	2		168.00	168.00	AF
A__ 36502 00	MUN	NK	G	2738	--	SE	NE	NW	4500	3050	15	7	2W	1		3.84	3.84	AF
A__ 36503 00	MUN	NK	G	2650	--	SE	NE	NW	4600	3050	15	7	2W	2		3.84	3.84	AF
A__ 49608 00	IRR	AY	G	73	--	SE	NW	SE	1559	1765	10	7	2W	1		199.80	199.80	AF
VCD 3 00	MUN	AA	G	2738	--	SE	NE	NW	4500	3050	15	7	2W	1		9.21	9.21	AF
Same				2650	--	SE	NE	NW	4600	3050	15	7	2W	2				

> 1/2 mile

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	199.80	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	324.67	.00
Total Vested Amount (AF) =	9.21	.00
TOTAL AMOUNT (AF) =	533.68	.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:
 97.523489 West Longitude and 39.456444 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 19685 00	IRR	NK	G
> RICHARD BOLING			
>			
> 1125 N 230TH RD			
> AURORA KS 67417			
>-----			
A__ 28839 00	IRR	NK	G
> GARY F & DEBORAH J BACHAND TRUSTS #1			
>			
> 1471 N 260 RD			
> CLYDE KS 66938			
>-----			
A__ 36502 00	MUN	NK	G
> CITY OF AURORA			
>			
> PO BOX 99			
> AURORA KS 67417			
>-----			
A__ 36503 00	MUN	NK	G

> CITY OF AURORA

>

> PO BOX 99

> AURORA KS 67417

>-----

A__ 49608 00 IRR AY G

> JEFFERY & KRISTINA KINDEL

>

> 1021 N 220TH RD

> AURORA KS 67417

>-----

VCD 3 00 MUN AA G

> CITY OF AURORA

>

> PO BOX 99

> AURORA KS 67417

>-----

=====



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

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Katherine A. Tietsort, Water Commissioner

Phone: (785) 296-5733
Fax: (785) 862-2460
www.agriculture.ks.gov
Sam Brownback, Governor

July 28, 2016

DONOVAN CUMMINS
2194 JADE RD
AURORA KS 67417

Re: Pending Application, File No. 49,608

Dear Sir or Madam:

This is to advise you that Jeffery Kindel has filed the application referred to above for a permit to appropriate 199.8 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 1,200 gallons per minute. The proposed point of diversion is one well located as follows:

In the Southeast Quarter of the Northwest Quarter of the Southeast Quarter of Section 10, in Township 7 South, Range 2 West, Cloud County, Kansas.

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

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

Sincerely,

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

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

Enclosure

pc: Jeffery Kindel



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

Jackie McClaskey, Secretary
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Phone: (785) 296-5733
Fax: (785) 862-2460
www.agriculture.ks.gov
Sam Brownback, Governor

July 28, 2016

CITY OF AURORA
PO BOX 99
AURORA KS 67417-0099

Re: Pending Application, File No. 49,608

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Sincerely,

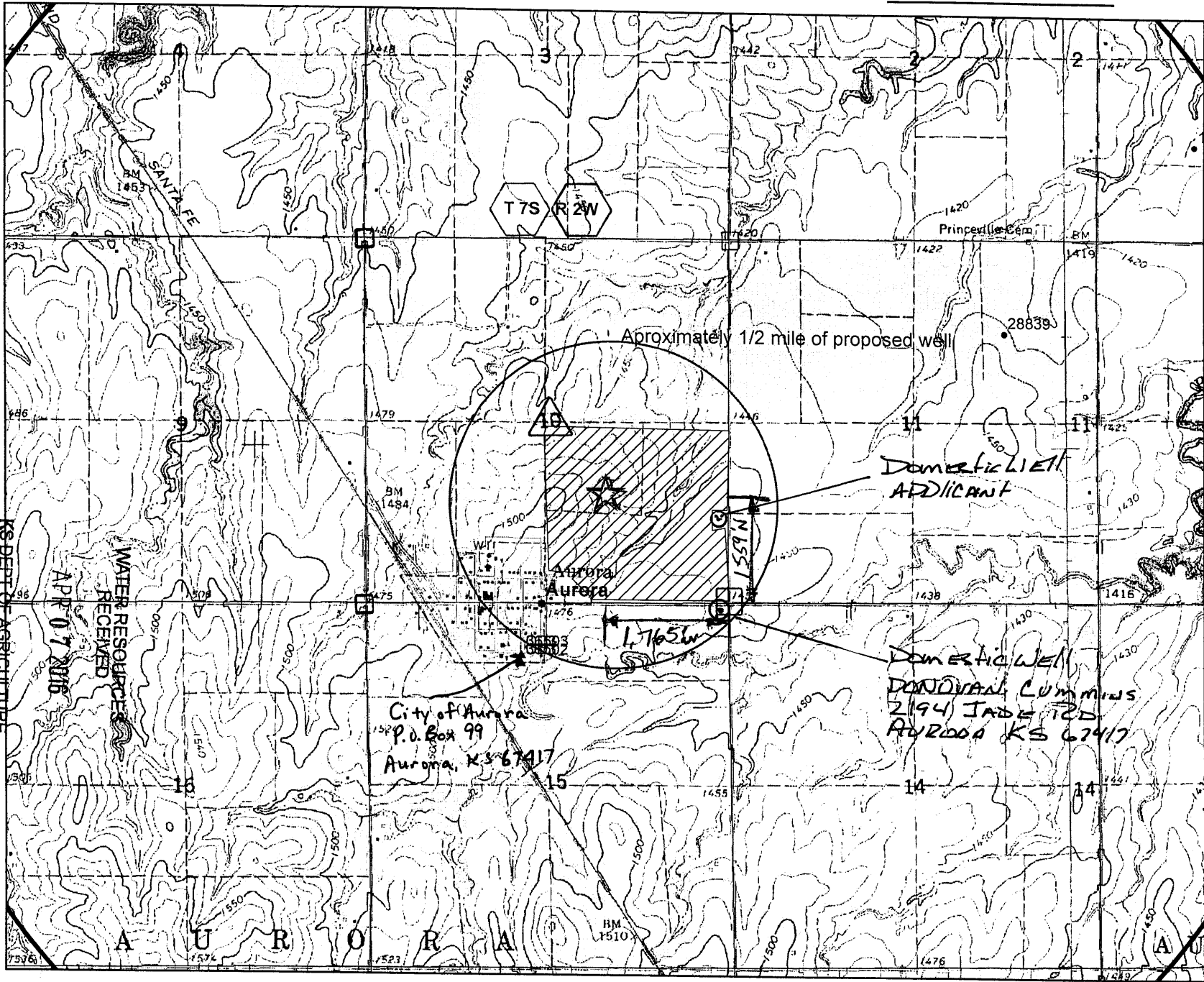
A handwritten signature in cursive script, appearing to read "Doug Schemm".

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

Enclosure

pc: Jeffery Kindel

Proposed Appropriation of Water File No. 49,608

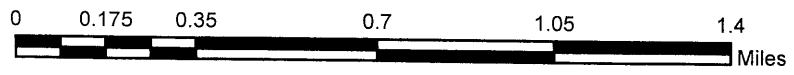
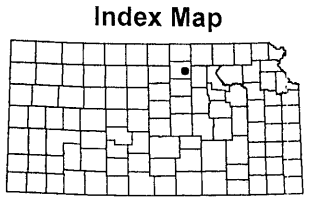


☆ Proposed Point of Diversion

▨ Proposed Place of Use

I declare that all water wells or diversion sites within 1/2 mile of the proposed well have been plotted on the map.

[Signature]
Applicant

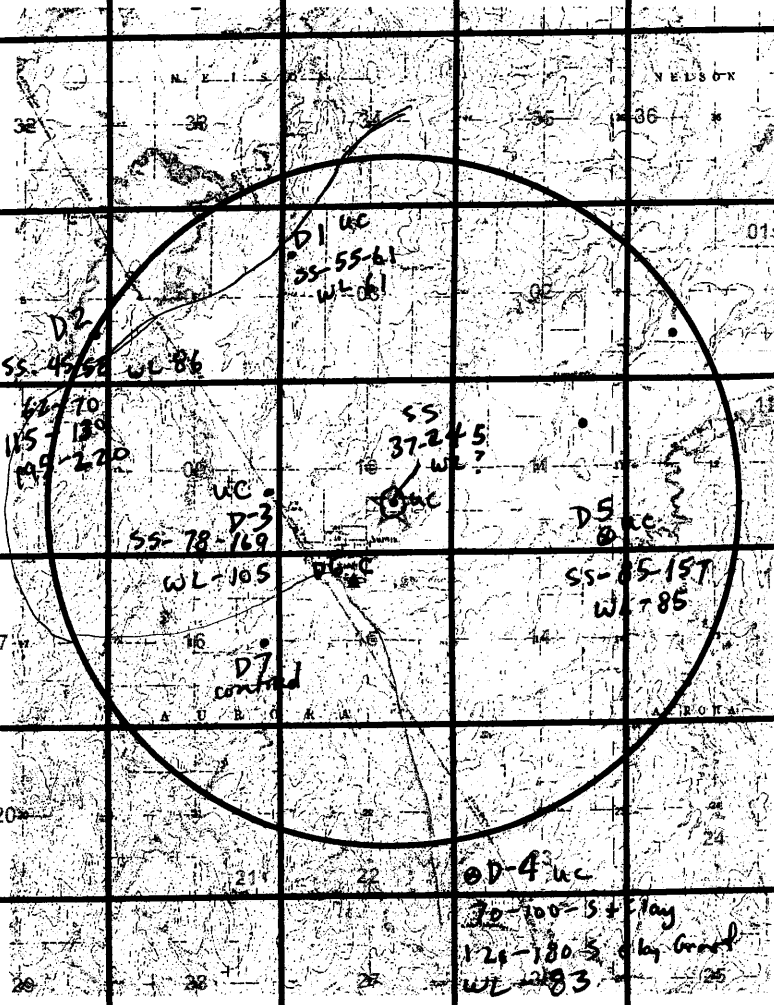


SCANNED

KS DEPT. OF AGRICULTURE
WATER RESOURCES
RECEIVED
APR 07 2016

#49,608

artery⁶



Cloud⁰⁷

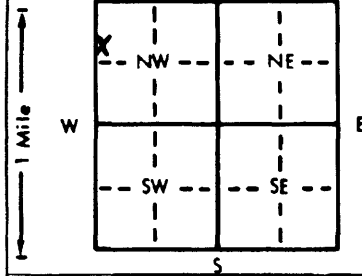
D-1 - uc

1 LOCATION OF WATER WELL: County: **Cloud** Fraction: **SW 1/4 NW 1/4 NW 1/4** Section Number: **3** Township Number: **T 7 S** Range Number: **R 2W EW**

Distance and direction from nearest town or city street address of well if located within city?
1 3/4 miles north of Aurora

2 WATER WELL OWNER: **Carroll Blackwell**
 RR#, St. Address, Box #: **Route 1** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Aurora, KS 67417** Application Number:

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



4 DEPTH OF COMPLETED WELL: **140** ft. ELEVATION: **105**
 Depth(s) Groundwater Encountered 1. **61** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **61** ft. below land surface measured on **4-25-89**
 Pump test data: Well water was **135** ft. after **3/4** hours pumping **90** gpm
 Est. Yield **90** gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: **8"** in. to **140** 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) 6 Asbestos-Cement 9 Other (specify below) Welded.....
 2 PVC 4 ABS 7 Fiberglass Threaded.....
 Blank casing diameter: **5"** in. to **140'** ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface: **12** in., weight **3** lbs./ft. Wall thickness or gauge No. **258**
 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 **120** ft. to **140** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **140** 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 **none** 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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	55	Clay			
55	61	Sandrock			
61	101	Clay			
101	103	Limerock			
103	140	Sandrock			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **4-25-89** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **361** This Water Well Record was completed on (mo/day/yr) **6-23-89** under the business name of **Cox-Beswick Irrigation Service, Inc.** by (signature) *Amie Beach*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

D-2 *Confined*

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Cloud	SE 1/4 NE 1/4 SE 1/4	5	T 7 S	R 2 E/W

Distance and direction from nearest town or city street address of well if located within city?
1 mile North - 1 mile West - 1/4 mile North of Aurora, Ks.

2 WATER WELL OWNER: **Bill Istas**
 RR#, St. Address, Box # : **1986 Key Rd.**
 City, State, ZIP Code : **Aurora, Ks. 67417**
 Board of Agriculture, Division of Water Resources
 Application Number:

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

	4 DEPTH OF COMPLETED WELL 210 ft. ELEVATION: Depth(s) Groundwater Encountered ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL 86 ft. below land surface measured on mo/day/yr 3/10/05 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 40-50 gpm: Well water was ft. after hours pumping gpm WELL WATER TO BE USED AS: <input checked="" type="checkbox"/> Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well <input type="checkbox"/> Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <input checked="" type="checkbox"/> No
--	---

5 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped
<input checked="" type="checkbox"/> PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter **5** in. to **1.70** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **12** in., weight **2.37** lbs./ft. Wall thickness or gauge No. **214**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 PVC 10 Asbestos-Cement
 1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR)
 2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 11 Other (Specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 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) ft.

SCREEN-PERFORATED INTERVALS: From **170** ft. to **210** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **30** ft. to **210** ft., From ft. to ft.

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

Grout Intervals: From **10** ft. to **30** 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
 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? **North** How many feet? **150 ft.**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil			
2	45	Clay, silty tan			
45	58	Sandstone, soft tan			
58	62	Shale, red			
62	70	Sandstone, soft tan			
70	115	Shale, gray w/small sandstone streaks			
115	130	Sandstone, soft tan			
130	195	Shale, red & gray			
195	220	Sandstone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) ~~XXXXXX~~ **3/10/05** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **138** This Water Well Record was completed on (mo/day/yr) **3/30/05** under the business name of _____ by (signature) *Mike Bettus*

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: CLOUD Fraction: 1/4 SE 1/4 NE 1/4 SE 1/4 Section Number: 9 Township Number: T 7 S Range Number: R 2 E W

2 WELL OWNER: Last Name: ISTATS First: KENNY Street or Rural Address where well is located: 6757 SOUTHWEST HOPKINS SWITCH ROAD 1/2 MILE NORTHWEST OF AURORA, KS City: ELDORADO State: KS ZIP: 67042

3 LOCATE WELL WITH 'X' IN SECTION BOX: [Diagram showing a 36-section grid with 'X' in the SE section]

4 DEPTH OF COMPLETED WELL: 170 ft. Depth(s) Groundwater Encountered: 1) 170 ft. 2) ... 3) ... 4) Dry Well WELL'S STATIC WATER LEVEL: 105 ft. below land surface, measured on (mo-day-yr) 5/14/2015

5 Latitude: 39 27.445 N Longitude: 97 32.233 W Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): Land Survey Topographic Map Online Mapper: Elevation: 7.2 in. to 170 ft. and Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: [X] Household [] Lawn & Garden [] Livestock 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID 9. Environmental Remediation: well ID 10. Oil Field Water Supply: lease 11. Test Hole: well ID 12. Geothermal: how many bores? 13. Other (specify):

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

8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [X] Glued [] Clamped [] Welded [] Threaded Casing diameter: 5 in. to 1.5 ft. Diameter: in. to ft. Diameter: in. to ft. Casing height above land surface: 1.8 in. Weight: 2.8 lbs./ft. Wall thickness or gauge No.: 265 TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] 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 [X] Saw Cut [] None (Open Hole) SCREEN-PERFORATED INTERVALS: From 150 ft. to 170 ft. GRAVEL PACK INTERVALS: From 25 ft. to 170 ft.

9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout intervals: From 4 ft. to 25 ft. Nearest source of possible contamination: [] Septic Tank [] Lateral Lines [] Pit Privy [] Livestock Pens [] Insecticide Storage [] Sewer Lines [] Cess Pool [] Sewage Lagoon [] Fuel Storage [X] Abandoned Water Well [] Watertight Sewer Lines [] Seepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well/Gas Well [] Other (Specify) Direction from well? NORTHEAST Distance from well? 20 ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-29 BROWN CLAY, 29-78 RED & GRAY CLAY, 78-169 SANDSTONE, 169-173 GRAY SHALE

Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 5/14/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 518 This Water Well Record was completed on (mo-day-year) 5/14/2015 under the business name of BLUE VALLEY DRILLING INC.

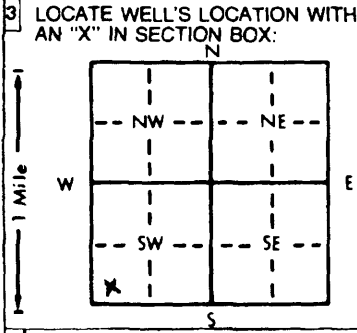
INSTRUCTIONS: Send one copy to WATER WELL OWNER and retain one copy for your records. Submit fee of \$5.00 for each constructed well along with one (white) copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone (785) 296-3565.

D-4 uc

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 23 Township Number T-7 S Range Number R-2 EW
 County: Cloud
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: BETH BLACKWELL
 RR#, St. Address, Box #: 100 Kansas Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: AURORA, NE 67417 Application Number:



4 DEPTH OF COMPLETED WELL: 215 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 83' ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 83' ft. below land surface measured on mo/day/yr
 Pump test data: Well water was 200 ft. after 8 hours pumping 2 gpm
 Est. Yield 2 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 10 in. to ft., and in. to ft.
 WELL WATER TO BE USED AS:
 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 Monitoring 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 175 ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface 24 in. weight class 200 lbs./ft. Wall thickness or gauge No.
 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 9 ABS 11 Other (specify)
 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 155 ft. to 215 ft. From ft. to ft.
 From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 215 ft. to 10 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 20 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? How many feet? 50'-14 150-1

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	10	Top soil & clay			
10	30	Brown & Gray clay			
30	50	Sandy clay			
50	70	Clay & sandy clay			
70	100	Fine sand & clay			
100	120	Gray clay & sandy clay			
120	150	Sandy clay & some Gravel			
150	180	Sand & some Gravel			
180	200	Sandstone			
200	215	Blue clay			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 4/14/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 480 This Water Well Record was completed on (mo/day/yr) 4/14/97 under the business name of WILLIAMS DRILLING CO. INC. by (signature) Ron Williams

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

OFFICE USE ONLY T R E W SEC. 1/4 1/4 1/4

D-5-UC

USE TYPEWRITER OR BALL POINT PEN—PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas Department of Health and Environment—Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well: County Cloud		Fraction 1/4 1/4 SE 1/4	Section number 11	Township number T 7 S R 2 E/W	Range number 2
2. Distance and direction from nearest town or city: 2 miles east of Plymora, KS & 1/4 mile North.			3. Owner of well: Louis Letourneau R.R. or street: 808 E. 7th St. City, state, zip code: Concordia, Kansas 66901		
4. Locate with "X" in section below: Sketch map: N W ——— NW ——— NE ——— E SW ——— SE ——— S 1 Mile DDAA				6. Bore hole dia. 8 in. Completion Date Sept 21, 1976 Well depth 157 ft.	
				7. Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary	
				8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other	
				9. Casing: Material _____ Height: Above or below Threaded _____ Welded _____ Surface 12 in. RMP _____ PVC <input checked="" type="checkbox"/> Weight _____ lbs./ft. Dia. 5 in. to 157 ft. depth Wall Thickness _____ inches or Dia. _____ in. to _____ ft. depth gage No. 14	
5. Type and color of material		From	To	10. Screen Manufacturer's name CAN-TEX Type 160/164 Dia. 3" Slot/gauze _____ Length 29' Set between 137 ft. and 157 ft. ft. and _____ ft. Gravel pack? <input checked="" type="checkbox"/> Size range of material 1/4"	
Black soil		0	15	11. Static water level: _____ mg./day/yr. 85 ft. below land surface Date 9/23/76	
Black sandy soil		15	30	12. Pumping level below land surfaces: _____ ft. after 2 hrs. pumping 10 g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield 12 g.p.m.	
Red Clay		30	60	13. Water sample submitted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date 9/25/76	
Grey "		60	85	14. Well head completion: <input checked="" type="checkbox"/> Pitless adapter 12 inches above grade	
Sand Stone		85	157	15. Well grouted? <input checked="" type="checkbox"/> With: _____ Neat cement _____ Bentonite _____ Concrete _____ Depth: From 1 ft. to 10 ft.	
				16. Nearest source of possible contamination: sewer ft. 150 Direction NE Type sewer Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
				17. Pump: _____ Not installed Manufacturer's name Meters Model number 526376 HP 1/2 Volts 240 Length of drop pipe 140 ft. capacity 12 g.p.m. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other	
(Use a second sheet if needed)					
18. Elevation: 1100 Topography: <input checked="" type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley	19. Remarks:		20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief 247 CARL THOMAS Business name 333 E. 6th Concordia Kansas License No. _____ Signature Carl Thomas Date 9/15/76 Authorized representative		

7
R
W
11
SE
1/4 1/4 1/4

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

D-6 continued

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1	LOCATION OF WATER WELL: County: Cloud	Fraction NE 1/4 NW 1/4 NW 1/4	Section Number 15	Township Number T 7 S	Range Number R 2 E(W)
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Distance and direction from nearest town or city street address of well if located within city?
West edge of Aurora

2 WATER WELL OWNER: **Michael Istas**
 RR#, St. Address, Box # : **R.R. 1**
 City, State, ZIP Code : **Aurora, KS 67417**
 Board of Agriculture, Division of Water Resources
 Application Number:

3	LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4	DEPTH OF COMPLETED WELL 192 ft. ELEVATION:
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A 3x3 grid with 'N' at the top, 'S' at the bottom, 'W' on the left, and 'E' on the right. An 'X' is marked in the top-left (NW) quadrant.

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

WELL'S STATIC WATER LEVEL **72** ft. below land surface measured on **3/15/04**

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield **25** gpm: Well water was ft. after hours pumping gpm

WELL WATER TO BE USED AS:

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

Was a chemical/bacteriological sample submitted to Department? Yes No ***** ; If yes, mo/day/yrs sample was submitted
 Water Well Disinfected? Yes ***** No

5 TYPE OF BLANK CASING USED:

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

Blank casing diameter **5** in. to **102** ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface **18** in., weight **200** lbs./ft. Wall thickness or gauge No. **265**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-Cement
2 Brass	4 Galvanized Steel	6 Concrete tile	9 ABS	11 Other (Specify)
				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)	ft.

SCREEN-PERFORATED INTERVALS: From **102** ft. to **122** ft., From ft. to ft.

GRAVEL PACK INTERVALS: From **172** ft. to **192** ft., From ft. to ft.

From **30** ft. to **192** 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 **30** ft. to **192** 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? **NW** How many feet? **150**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Brown Clay			
2	13	Tan Clay			
13	15	Limestone			
15	51	Brown Clay & Limestone			
51	69	Red & White Clay			
69	93	Light Blue Clay			
93	122	Sandstone			
122	176	Red & White Clay			
176	186	Limestone & Gravel			
186	202	Gray Clay			

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) **3/15/04** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **518** This Water Well Record was completed on (mo/day/yr) **3/28/04** under the business name of **Blue Valley Drilling** by (signature) *Tim*

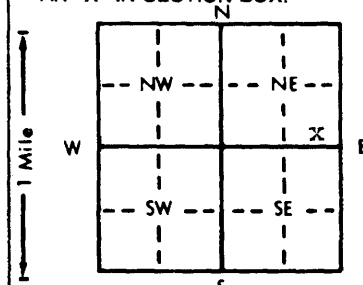
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

D-7 (continued)

1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NE 1/4 Section Number 16 Township Number T 7 S Range Number R 2 NW

Distance and direction from nearest town or city street address of well if located within city?
1/2 South Aurora

2 WATER WELL OWNER: Jim LaBarge
 RR#, St. Address, Box #: Aurora, Kansas 67417
 City, State, ZIP Code: _____
 Board of Agriculture, Division of Water Resources
 Application Number: _____

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 238 ft. ELEVATION: 1505
 Depth(s) Groundwater Encountered: 1. 140 ft. 2. 220 ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 126 ft. below land surface measured on mo/day/yr 12/6/1982
 Pump test data: Well water was NA ft. after _____ hours pumping _____ gpm
 Est. Yield 60 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 8 in. to 238 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 _____; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes No _____

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 5 in. to 218 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 12 in., weight 3 lbs./ft. Wall thickness or gauge No. 258
 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 218 ft. to 238 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 238 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 10 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 9 Feedyard 13 Insecticide storage _____
 Direction from well? South How many feet? 150

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	topsoil			
3	12 (64)	sandy clay			
12	31 (81)	brown clay			
31	61 (23)	blue clay w/ sandrock layers			
61	79 (71)	brown clay			
79	130 (21)	red clay w/ rocky layers			
130	160 (21)	brown clay w/ sandrock layers			
160	211 (23)	sandrock w/ blue clay layers			
211	240 (23)	sandrock			
240		stop			

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) 12/6/1982 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 359. This Water Well Record was completed on (mo/day/yr) 12/28/1982
 under the business name of Daryl Cox & Sons Inc. by (signature) Daryl Cox

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

not

1320 Research Park Drive
Manhattan, Kansas 66502
Jackie McClaskey, Secretary



Phone: (785) 564-6700
Fax: (785) 564-6777
Email: ksag@kda.ks.gov
www.agriculture.ks.gov
Sam Brownback, Governor

April 13, 2016

JEFFERY KINDEL
1021 N 220TH RD
AURORA KS 67417

RE: Application
File No. 49608

Dear Sir or Madam:

Your application for permit to appropriate water in 10-7S-2W in Cloud 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) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

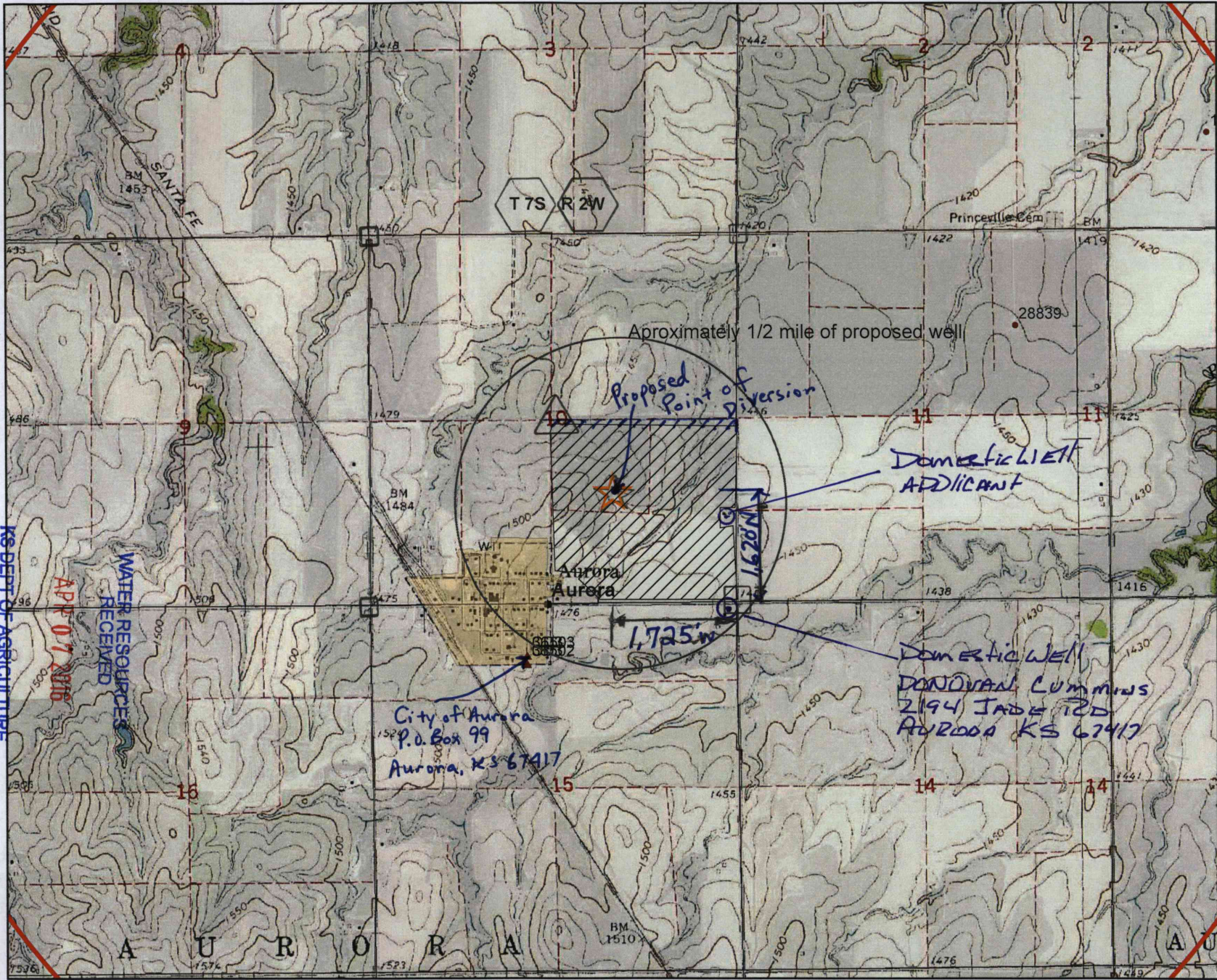
Sincerely,

A handwritten signature in cursive script that reads "Brent A. Turney".

Brent A Turney, L.G.
New Application Unit Supervisor
Water Appropriation Program

KAK: DLW
pc: STOCKTONField Office
GMD

SCANNED

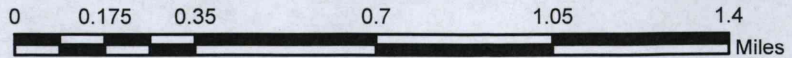
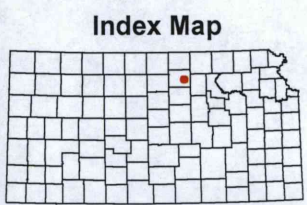


★ Proposed Point of Diversion

▨ Proposed Place of Use

I declare that all water wells or diversion sites within 1/2 mile of the proposed well have been plotted on the map.

Donovan Cummins
Applicant



SCANNED