

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

1. File Number: <p style="text-align: center;">49544</p>	2. Status Change Date: <p style="text-align: center;">2/6/2017</p>	3. Field Office: <p style="text-align: center;">02</p>	4. GMD:
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

6. Enclosures: Check Valve N of C Form Water Tube Driller Copy Meter

<p>7a. Applicant(s) New to system <input type="checkbox"/> Person ID <u>53124</u> Add Seq# _____</p> <p>MAX WELLS 7069 SOUTH 375 WEST CHENEY, KS 67025</p>	<p>7c. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p>
<p>7b. Landowner(s) New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p> <p>7A</p>	<p>7d. Misc. New to system <input type="checkbox"/> Person ID _____ Add Seq# _____</p>

<p>8. WUR Correspondent New to system <input type="checkbox"/> Person ID _____ Add Seq# _____ Overlap File (s) WUC Agree <input type="checkbox"/> Yes <input type="checkbox"/> No 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> <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>
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10. Completion Date: **12/31/2018** 11. Perfection Date: **12/31/2022** 12. Exp Date: _____

13. Conservation Plan Required? Yes No Date Required: _____ Date Approved: _____ Date to Comply: _____

14. Water Level Measuring Device? Yes No Date to Comply: **12/31/2018** Date WLMD Installed: _____

Date Prepared: **1/25/17** By: **MJM**
Date Entered: **2/8/2017** By: **LM**

File No. **49,544** 15. Formation Code: **100 & 530** Drainage Basin: **N.F. Ninnescah River** County: **SG** Special Use: Stream:

16. Points of Diversion										17. Rate and Quantity				
T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W		Authorized Rate gpm/cfs	Quantity af/mgy	Additional Rate gpm/cfs	Quantity af/mgy	Overlap PD Files
MOD 84971	SWNWSE		10	28S	4W	12	1850	2100	Geo-Ctr	800	114.4	800	114.4	None
ENT 85887	NWNWSE		10	28S	4W		2000	2100	Batt 1 of 4					
ENT 85888	SWNWSE		10	28S	4W		1700	2100	Batt 2 of 4					
ENT 85889	SWNWSE		10	28S	4W		1850	2250	Batt 3 of 4					
ENT 85890	SENWSE		10	28S	4W		1850	1950	Batt 4 of 4					
<i>Battery ID # 2008</i>														

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 **12/31/2018** Date Acceptable Meter Installed _____

21. Place of Use										NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
T 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								
68209	10	28S	4W											10				9				36	33		88	7b.	None		

Comments: **Geo-center was modified slightly to match the location shown on map. Verified by phone call with applicant on 12/6/16. There is no PU overlap with Files No. 48,126 & 49,450 based on the place of use maps for the files and the new application.**

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: January 25, 2017

FROM: Matt Meier

RE: Application, File No. 49,544

Max Wells has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four wells, a quantity of 114.4 acre-feet, and a diversion rate of 800 gallons per minute. The Geo-Center is to be located in the Southwest Quarter of the Northwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 10, more particularly described as being near a point 1,850 feet North and 2,100 feet West of the Southeast corner of said section, in Township 28 South, Range 4 West, Sedgwick County, within the drainage basin of the North Fork of the Ninnescah River. There are no other water rights overlapping the proposed place of use or point of diversion. The entire proposed place of use is owned by wells M&M Dairy. The applicant has signed the application form stating that he has legal access to the point of diversion. The geo-center location was modified slightly, with the applicant's consent from phone call on 12/6/16, to match the location shown on map

The applicant identified that there are 2 domestic wells within one-half mile of the proposed well and 1 non-domestic well (which the applicant owns). Nearby notification letters were sent out on December 6, 2016. No contact of any kind was received. According to the WRIS database, the closest non-domestic point of diversion (Files No. 48,216 & 49,450) are located 1,727 feet away. Based on the map submitted by the applicant the nearest domestic well is approximately 1,800 feet away. The proposed point of diversion meets minimum well spacing to all existing wells. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells.

A drillers log was submitted with the pending application, which shows top soil from 0 to 5 feet, very fine to coarse sand from 5 to 40 feet, and shale at 40 to 80 feet below ground. Due to the depth of the well it will possibly draw water from both the quaternary and the Permian systems. Static water level was 3 feet below ground surface which gives a saturated thickness of approximately 77 feet.

As noted, the point of diversion is not located within a South-Central KS Designated unit area or Ground Water Management District. Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 2.21 inches, and 50% of recharge available for appropriation, safe yield was determined to be 740.53 acre-feet. Existing water rights have appropriated 517.56 acre-feet, providing a difference of 222.97 acre-feet available for appropriation, and the application requesting 114.4 acre-feet complies with safe yield.

The requested quantity of water, 114.4 acre-feet, is to irrigate the proposed 88 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sedgwick County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

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. A water level measurement tube is required because this is a proposed new well exceeding 100 gpm.

Max Wells
Application, File No. 49,544
Page 2

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office.

Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the referenced application on January 23, 2017. 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 application be approved.

Matthew J. Meier
Environmental Scientist
Water Appropriations Program



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

February 8, 2017

FILE COPY

MAX E WELLS
7069 S 375TH ST W
CHENEY KS 67025

RE: Appropriation of Water
File No. 49,544

Dear Mr. Wells:

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.

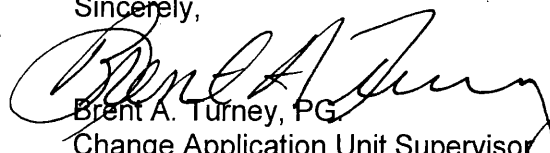
Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in this permit. A water meter is required and you must install it prior to water being put to beneficial use in order for you to maintain accurate records of water use. The meter should be used to provide 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,


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

Enclosures

pc: Stafford Field Office



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. 49,544** of the applicant

Max Wells
7069 S 375th St W
Cheney, KS 67025

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 **January 21, 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 28S 4W									10			9		36	33		88

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of a battery of four (4) wells, the Geo-Center of which is to located in the Southwest Quarter of the Northwest Quarter of the Southeast Quarter (SW¼ NW¼ SE¼) of Section 10, more particularly described as being near a point 1,850 feet North and 2,100 feet West of the Southeast corner of said section, in Township 28 South, Range 4 West, Sedgwick County, 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 **800 gallons per minute (1.783 c.f.s.)** and to a quantity not to exceed **114.4 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, 2018** 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, 2022** 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 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).

13. 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.

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 this permit is further limited such that all wells shall be located within a three hundred (300) foot radius circle, in the same local source of supply, and shall supply water to a common distribution system.

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 *6th* day of *February*, 2017, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

Lane P. Letourneau, L.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 *6th* day of *February*, 2017, by Lane P. Letourneau, L.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Danielle Wilson

Notary Public

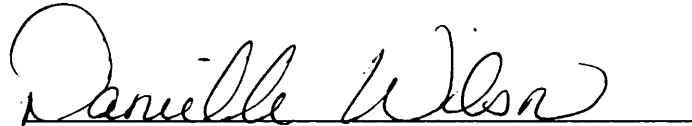
CERTIFICATE OF SERVICE

On this 8th day of February, 2017, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,544, dated February 6, 2017 was mailed postage prepaid, first class, US mail to the following:

MAX E WELLS
WELLS M & M DAIRY
7069 S 375TH ST W
CHENEY KS 67025

With photocopies to:

Stafford Field Office

A handwritten signature in cursive script, reading "Danielle Wilson", is written over a horizontal line.

Division of Water Resources

THE STATE OF KANSAS



APPLICATION COMPLETE
4/19/16
Reviewer MJM

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

WATER RESOURCES
RECEIVED

File Number 49,544
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APR 04 2016
12:34
KS DEPT OF AGRICULTURE

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.)

JAN 21 2016
12:34
KS DEPT OF AGRICULTURE

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): MAX E WELLS
Address: 7069 S 375TH ST W
City: Cheney State KS Zip Code 67025
Telephone Number: (316) 393-1780

2. The source of water is: surface water in _____ (stream)
OR groundwater in N. F. Ninnescah 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 114.4 acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 gallons per minute OR _____ cubic feet per second.

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

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

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

For Office Use Only:
F.O. 2 GMD 0 Meets K.A.R. 5-3-1 (YES/NO) Use IIR Source (G) S County SG By AJW Date 1/21/16
Code RE 2 Fee \$ 300 TR # _____ Receipt Date 1/21/16 Check # 8049

1/26/2016 UCM

* Geo-center was modified to match location shown on map after discussing it with applicant via phone on 12/4/16 & 1/25/17. Using place holders for individual well locations.

* Geo-center SWNWSE 1,850' N & 2,100' W
Section 10, T28S R4W

File No. _____

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

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

Bat 1 of 4

(A) One in the NW quarter of the NW quarter of the SE quarter of Section 10, more particularly described as being near a point 2000 feet North and 2100 feet West of the Southeast corner of said section, in Township 28 South, Range 4 W, Sedgwick County, Kansas.

Bat 2 of 4

(B) One in the SW quarter of the NW quarter of the SE quarter of Section 10, more particularly described as being near a point 1970 feet North and 2100 feet West of the Southeast corner of said section, in Township 28 South, Range 4 East/West (circle one), Sedgwick County, Kansas.

Bat 3 of 4

(C) One in the SW quarter of the NW quarter of the SE quarter of Section 10, more particularly described as being near a point 1950 feet North and 2250 feet West of the Southeast corner of said section, in Township 28 South, Range 4 East/West (circle one), _____ County, Kansas.

Bat 4 of 4

(D) One in the SE quarter of the NW quarter of the SE quarter of Section 10, more particularly described as being near a point 1850 feet North and 2170 feet West of the Southeast corner of said section, in Township 28 South, Range 4 East/West (circle one), Sedgwick 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):

WELLS M & M DAIRY (MAX E WELLS) 7069 S 375TH ST W CHENEY, KS 67025
(name, address and telephone number)

(in process of buying property, verify ownership when processing)
(name, address and telephone number)

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

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

Executed on January, 2016. Max Wells
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 4 Wells
(number of wells, pumps or dams, etc.)

and will be completed (by) ASAP
(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 ASAP
(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 N.A.

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

**WATER RESOURCES
RECEIVED**

APR 04 2016

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	<u>3-22-16</u>	<u>3-22-16</u>	_____	_____
Total depth of well	<u>80ft</u>	<u>80ft</u>	_____	_____
Depth to water bearing formation	<u>30-80</u>	<u>30-80</u>	_____	_____
Depth to static water level	<u>3ft</u>	<u>3ft</u>	_____	_____
Depth to bottom of pump intake pipe	<u>75ft</u>	<u>75ft</u>	_____	_____

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):
WELLS M & M DAIRY (MAX E WELLS) 7069 S 375TH ST W CHENEY, KS 67025
(name, address and telephone number)
(in process of buying property, verify ownership when processing)
(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 Cheney, Kansas, this 19 day of January, 2016.
(month) (year)

Max Well
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by MJM _____ ESII _____ Date: 8/31/2015
(office/title)

STATE OF KANSAS
DEPARTMENT OF AGRICULTURE
WATER RESOURCES DIVISION

WATER RESOURCES
RECEIVED

JAN 21 2016

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,544

Name of Applicant (Please Print): Max Wells

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: WELLS M & M DAIRY (MAX E WELLS)

ADDRESS: 7069 S 375TH ST W CHENEY, KS 67025
(in process of buying entire PU, verify ownership when processing)

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	28S	4W									10			9			36	33	88

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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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: 25 psi

(2) What is the sprinkler package design rate? 400 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? 16 feet

(4) Please include a copy of the sprinkler package design information. *long drops - save ^{evaporation} @*

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

Silage feeds - milo - alfalfa - beans

2 ft off ground

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).

Servi tek man helps with soil probe

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

Growing young boy's back on farm this would help the farm to dairy operation

1-19-16

(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
109 SW 9th Street, 2nd Floor
Topeka, Kansas 66612-1283

Re: Application File No. 49,544

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.

Max Wells

Signature of Applicant

State of Kansas)
County of SEDGWICK) ss

Max Wells
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 19th day of Jan., 2016.

Martha L. Beavers
Notary Public

My Commission Expires:



WATER RESOURCES RECEIVED

APR 04 2016

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED

JAN 21 2016

KS DEPT OF AGRICULTURE

**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

REPRODUCED FROM
KANSAS WATERWAYS
COMMISSION

Kansas

Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov

Sam Brownback, Governor

December 6, 2016

Dave Krenzal
3801 South 343 West
Cheney, KS 67025

Re: Pending Application, File No. 49,544

Dear Sir:

This is to advise you that Max Wells has filed the application referred to above for a permit to appropriate 114.4 acre-feet of groundwater per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute. The proposed point of diversion for 49,544 is a battery of four (4) wells located as follows:

In the Southwest Quarter of the Northwest Quarter of the Southeast Quarter of Section 10, Township 28 South, Range 4 West, Sedgwick County, Kansas.

A map is enclosed indicating the location of the proposed wells. 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 (620) 234-5311. If you call, please reference the file number so I can help you more efficiently. Mailed comments can be sent to the Stafford Field Office at 300 S. Main St. Stafford, KS 67578-1521.

Sincerely,



Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

Kansas

Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

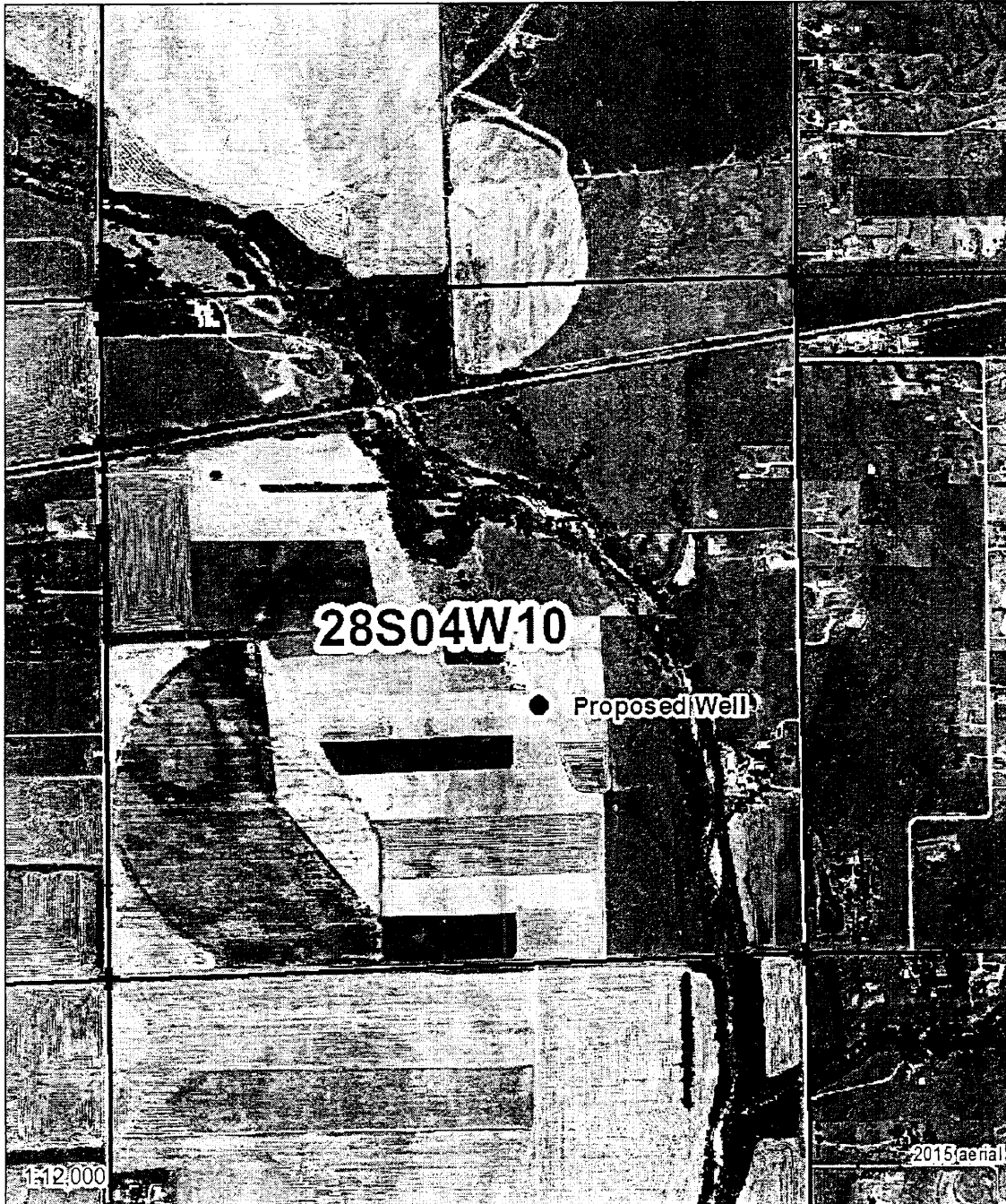
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311



Fax: (620) 234-6900

www.agriculture.ks.gov

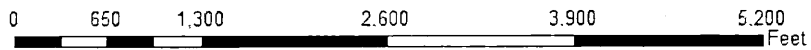
Sam Brownback, Governor



Legend

-  Section Corners
-  Section Lines

MJM-DWR 12/6/16



Proposed Water Appropriation, File No. 49,544
10-28S-4W
Sedgwick County



Kansas

Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov
Sam Brownback, Governor

December 6, 2016

Brian Krenzal
3701 South 343 West
Cheney, KS 67025

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Sincerely,



Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

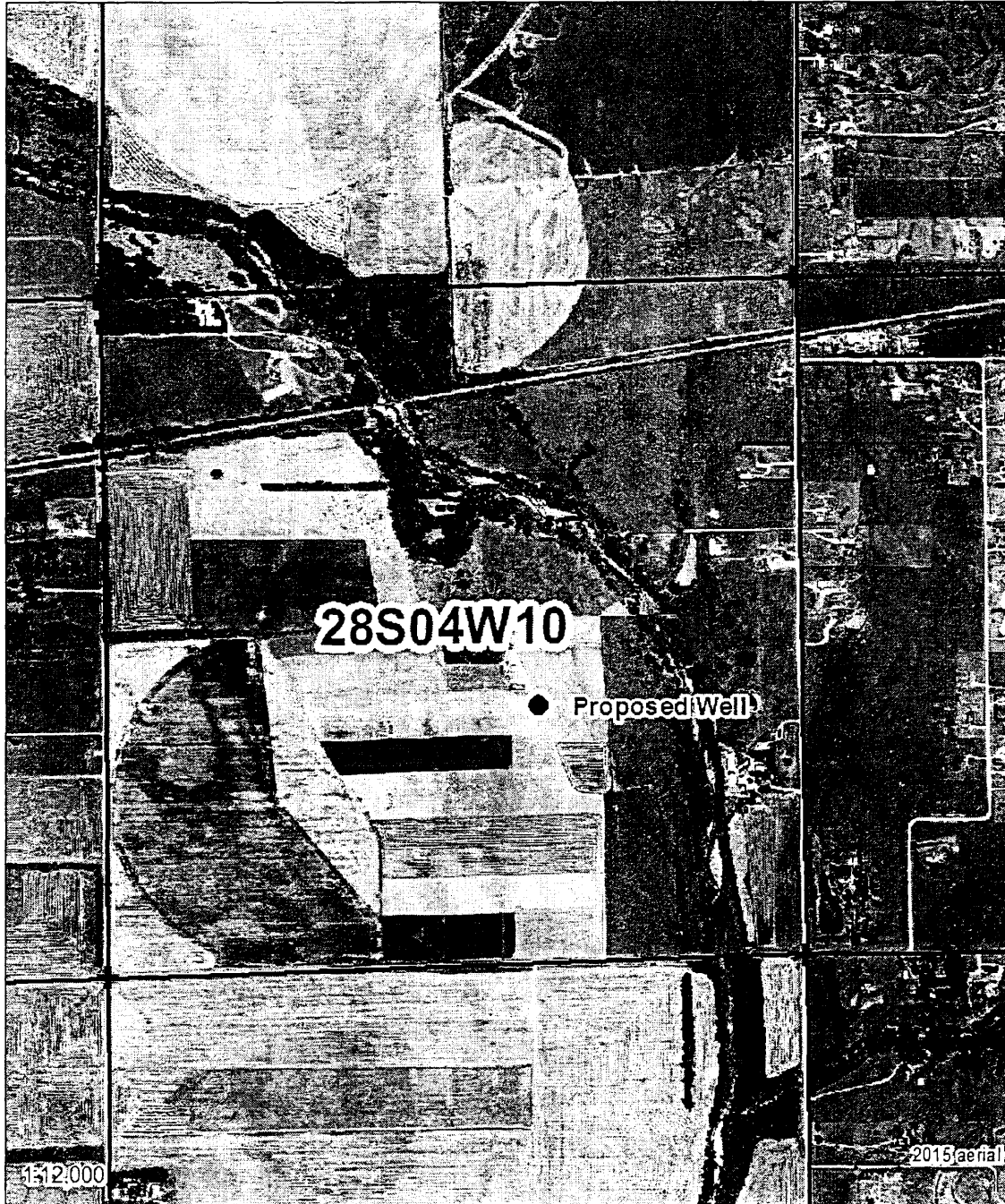
Kansas

Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521

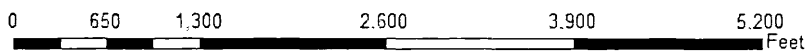
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov
Sam Brownback, Governor



1:12,000

2015 aerial



Legend

- + Section Corners
- ▭ Section Lines

MJM-DWR 12/6/16

Proposed Water Appropriation, File No. 49,544
10-28S-4W
Sedgwick County



Draft

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

MEMORANDUM

TO: Files

DATE: January 23, 2017

FROM: Matt Meier

RE: Application, File No. 49,544

Max Wells has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four wells, a quantity of 114.4 acre-feet, and a diversion rate of 800 gallons per minute. The geographic center of the battery is to be located in the Southwest Quarter of the Northwest Quarter of the Southeast Quarter (SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 10, Township 28 South, Range 4 West, Sedgwick County, within the drainage basin of the North Fork of the Ninnescah River. There are no other water rights overlapping the proposed place of use or point of diversion. The entire proposed place of use is owned by wells M&M Dairy. The applicant has signed the application form stating that he has legal access to the point of diversion.

The applicant identified that there are 2 domestic wells within one-half mile of the proposed well and 1 non-domestic well (which the applicant owns). Nearby notification letters were sent out on December 6, 2016. No contact of any kind was received. According to the WRIS database, the closest non-domestic point of diversion (Files No. 48,216 & 49,450) are located 1,727 feet away. Based on the map submitted by the applicant the nearest domestic well is approximately 1,800 feet away. The proposed point of diversion meets minimum well spacing to all existing wells. Per the requirements in K.A.R. 5-4-4 for all other aquifers, the minimum well spacing should be one-quarter mile to all other non-domestic wells and 660 feet to domestic wells.

A drillers log was submitted with the pending application, which shows top soil from 0 to 5 feet, very fine to coarse sand from 5 to 40 feet, and shale at 40 to 80 feet below ground. Due to the depth of the well it will possibly draw water from both the quaternary and the Permian systems. Static water level was 3 feet below ground surface which gives a saturated thickness of approximately 77 feet.

As noted, the point of diversion is not located within a South-Central KS Designated unit area or Ground Water Management District. Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 2.21 inches, and 50% of recharge available for appropriation, safe yield was determined to be 740.53 acre-feet. Existing water rights have appropriated 517.56 acre-feet, providing a difference of 222.97 acre-feet available for appropriation, and the application requesting 114.4 acre-feet complies with safe yield.

The requested quantity of water, 114.4 acre-feet, is to irrigate the proposed 88 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sedgwick County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

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. A water level measurement tube is required because this is a proposed new well exceeding 100 gpm.

Max Wells
Application, File No. 49,544
Page 2

The proposed application is subject to minimum desirable streamflow requirements. The applicant signed, notarized, and returned the required form to our office.

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 application be approved.

Matthew J. Meier
Environmental Scientist
Water Appropriations Program

1/23/16
concur w/ Recommendation Approve it
Jeff Bentner w.c.

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

March 22, 2016

MAX E WELLS
7069 S 375TH W
CHENEY KS 67025

Re: Pending Application,
File No. 49,544

Dear Mr. Wells:

In response to your written request by mail received in this office on March 21, 2016, the Chief Engineer is allowing an extension of time for sixty (60) days, in which to supply further information concerning the above referenced file. The original application was returned to you on January 28, 2016, and with this extension of time, the revised deadline will be **May 23, 2016**.

Extension requests are evaluated on a case by case basis. Since it appears that no pending application would be adversely affected by granting this extension, you are being allowed an additional 60 days. If you determine that additional time will be needed, you may submit another request for an extension prior to the deadline given above. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

In order to retain its priority of filing, the original application and attachments must be returned to this office with the requested information on or before **May 23, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

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

Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc: Stafford Field Office



AMERICAN AGCREDIT
MONEY FOR AGRICULTURE

Dear Sirs

I am requesting a
extension on 49544
File # because well
man bus been tied up
said he'd be here the
week of 21st 25th
if all goes well.

Thanks

Max Will

316 393 1760

WATER RESOURCES
RECEIVED

MAR 21 2016

KS DEPT OF AGRICULTURE

AgLoan.com

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

February 19, 2016

MAX E WELLS
7069 S 375TH W
CHENEY KS 67025

Re: Pending Application,
File No. 49,544

Dear Mr. Wells:

The Division of Water Resources returned the above referenced application to you for additional information on January 28, 2016, and the current deadline for your response is March 21, 2016. The purpose of this letter is to provide a reminder that in order for you to retain your priority of filing, the original application and requested information needs to be returned to this office on or before **March 21, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

If an extension of time is necessary to supply the requested information, please request the extension of time in writing before **March 21, 2016**. Provide information as to why the additional time is needed and how much additional time is requested. Please note that since there are instances when the Chief Engineer may deny your request for an extension of time, there is no guarantee that future requests for more time will be granted.

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

Sincerely,

Alex Whitesell
Environmental Scientist
Water Appropriation Program

pc: Stafford

SCANNED

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

January 28, 2016

MAX E WELLS
7069 S 375TH ST W
CHENEY KS 67025

Re: Pending Application,
File No. 49,544

Dear Mr. Wells:

After a preliminary review of your above referenced application for permit to appropriate water received in this office on January 21, 2016, it is being returned to you for additional information. In your original application, you requested a 60-day period of time in which to determine the precise location for your point of diversion within a specified quarter section tract of land described as the Southwest Quarter (SW $\frac{1}{4}$) of Section 10, in Township 28 South, Range 4 West, Sedgwick County, Kansas.

Once you've determined the precise location for your point of diversion, complete the rest of Paragraph No. 5 of your application by providing the description for the 10-acre tract location of the point of diversion as well as the feet distances North and West of the Southeast corner of the Section. The location of the point of diversion must also be plotted on the topographical map included. In the case of a battery of wells, please provide the description of the location of the proposed geographic center of the well battery, as well as **the location for each of the individual wells comprising the battery of wells**.

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

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

In order to retain its priority of filing, the original application and attachments must be returned to this office with the requested information on or before **March 21, 2016**, or within any authorized extension of time thereof. According to law, default in refiling of the completed application and attachments within the time allowed shall constitute forfeiture of priority date and dismissal of the application.

(over)

SCANNED

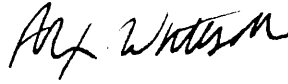
MAX E WELLS

1/28/2016

Page 2 of 2

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

Sincerely,

A handwritten signature in black ink that reads "Alex Whitesell". The signature is written in a cursive, slightly slanted style.

Alex Whitesell
Environmental Scientist
Water Appropriation Program

enclosures

pc: Stafford Field Office



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

January 21, 2016

MAX E WELLS
7069 S 375TH ST W
CHENEY KS 67025

RE: Application
File No. 49544

Dear Sir or Madam:

Your application for permit to appropriate water in 10-28S-4W in Sedgwick, 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) 564-6634. 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 black ink, appearing to read "K. Kopp", written over a white background.

Kenneth A. Kopp, P.G.
New Application Unit Supervisor
Water Appropriation Program

KAK: DLW
pc: STAFFORDField Office
GMD

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

1850 ft N and 2100 ft W of the SE Corner of Section 10, T 28S, R 4W

Located at: 97.741824 West Longitude and 37.624252 North Latitude

49544

meets 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__ 2016	00	MUN	NK	G	10392	SE	CR	SW	SE	-----	-----	5	28	4W	1	42.00	42.00	AF
Same					10242	--	SE	SW	NE	-----	-----	8	28	4W	3			
A__ 9204	00	MUN	NK	G	10392	SE	CR	SW	SE	-----	-----	5	28	4W	1	91.53	54.36	AF
Same					10242	--	SE	SW	NE	-----	-----	8	28	4W	3			
Same					10199	--	NE	NW	SE	-----	-----	8	28	4W	5			
A__ 43608	00	IRR	NK	G	4402	--	NW	SE	SW	881	3353	3	28	4W	1 G 4	195.00	195.00	AF
Same					4280	--	NW	SE	SW	680	3566	3	28	4W	2 B 4			
Same					4692	--	NW	SE	SW	1132	3520	3	28	4W	3 B 4			
Same					4134	--	NE	SE	SW	655	3170	3	28	4W	4 B 4			
Same					4517	--	NE	SE	SW	1055	3155	3	28	4W	5 B 4			
A__ 46756	00	IRR	LR	G	2775	--	SW	NW	NE	4595	2510	10	28	4W	2 G 2	63.70	63.70	AF
Same					2907	--	NW	NW	NE	4750	2300	10	28	4W	3 B 2			
Same					2663	--	SE	NE	NW	4440	2720	10	28	4W	4 B 2			
A__ 48126	00	IRR	KE	G	1727	--	NW	SE	SW	811	3480	10	28	4W	11 G 4	139.10	139.10	AF
Same					1746	--	NW	SE	SW	1003	3627	10	28	4W	6 B 4			
Same					1757	--	NW	SE	SW	570	3303	10	28	4W	7 B 4			
Same					1469	--	NW	SE	SW	1009	3304	10	28	4W	9 B 4			
Same					1982	--	NW	SE	SW	662	3687	10	28	4W	10 B 4			
A__ 49450	00	IRR	KE	G	1727	--	NW	SE	SW	811	3480	10	28	4W	11 G 4	162.50	23.40	AF
Same					1746	--	NW	SE	SW	1003	3627	10	28	4W	6 B 4			
Same					1757	--	NW	SE	SW	570	3303	10	28	4W	7 B 4			
Same					1469	--	NW	SE	SW	1009	3304	10	28	4W	9 B 4			
Same					1982	--	NW	SE	SW	662	3687	10	28	4W	10 B 4			
A__ 49544	00	IRR	AY	G	1934	--	--	--	SW	1320	3960	10	28	4W	12	114.40	114.40	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	114.40	.00
Total Permitted Amount (AF) =	162.50	.00
Total Inspected Amount (AF) =	63.70	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	291.36	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	631.96	.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:

97.741824 West Longitude and 37.624252 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number Use ST SR
 A__ 2016 00 MUN NK G
 > CITY OF CHENEY

>
> PO BOX 1
> CHENEY KS 67025

A__ 9204 00 MUN NK G
> CITY OF CHENEY
>
> PO BOX 1
> CHENEY KS 67025

A__ 43608 00 IRR NK G
> MARK & MAX WELLS
>
> 7069 S 375TH ST W
> CHENEY KS 67025

A__ 46756 00 IRR LR G
> MAX E WELLS
> WELLS M & M DAIRY
> 7069 S 375TH ST W
> CHENEY KS 67025

A__ 48126 00 IRR KE G
> MAX E WELLS
> WELLS M & M DAIRY
> 7069 S 375TH ST W
> CHENEY KS 67025

A__ 49450 00 IRR KE G
> MAX E WELLS
> WELLS M & M DAIRY
> 7069 S 375TH ST W
> CHENEY KS 67025

A__ 49544 00 IRR AY G
> MAX E WELLS
> WELLS M & M DAIRY
> 7069 S 375TH ST W
> CHENEY KS 67025

=====

#49554
meets
S.Y.

Analysis Results

The selected PD is in an area to new appropriations.
 The safe yield, based on the variables listed below is 740.53 AF. - 517.56 = 222.97 AF available
 Total prior appropriation in the circle is 631.96 AF. - 114.40 = 517.56
 Total quantity of water available for appropriation is 108.57 AF.

Safe Yield Variables

The area used for the analysis is set at 8,042 acres.
 Potential annual recharge of the area is estimated to be 2.21 inches.
 The percent of recharge available for appropriation is 50%.

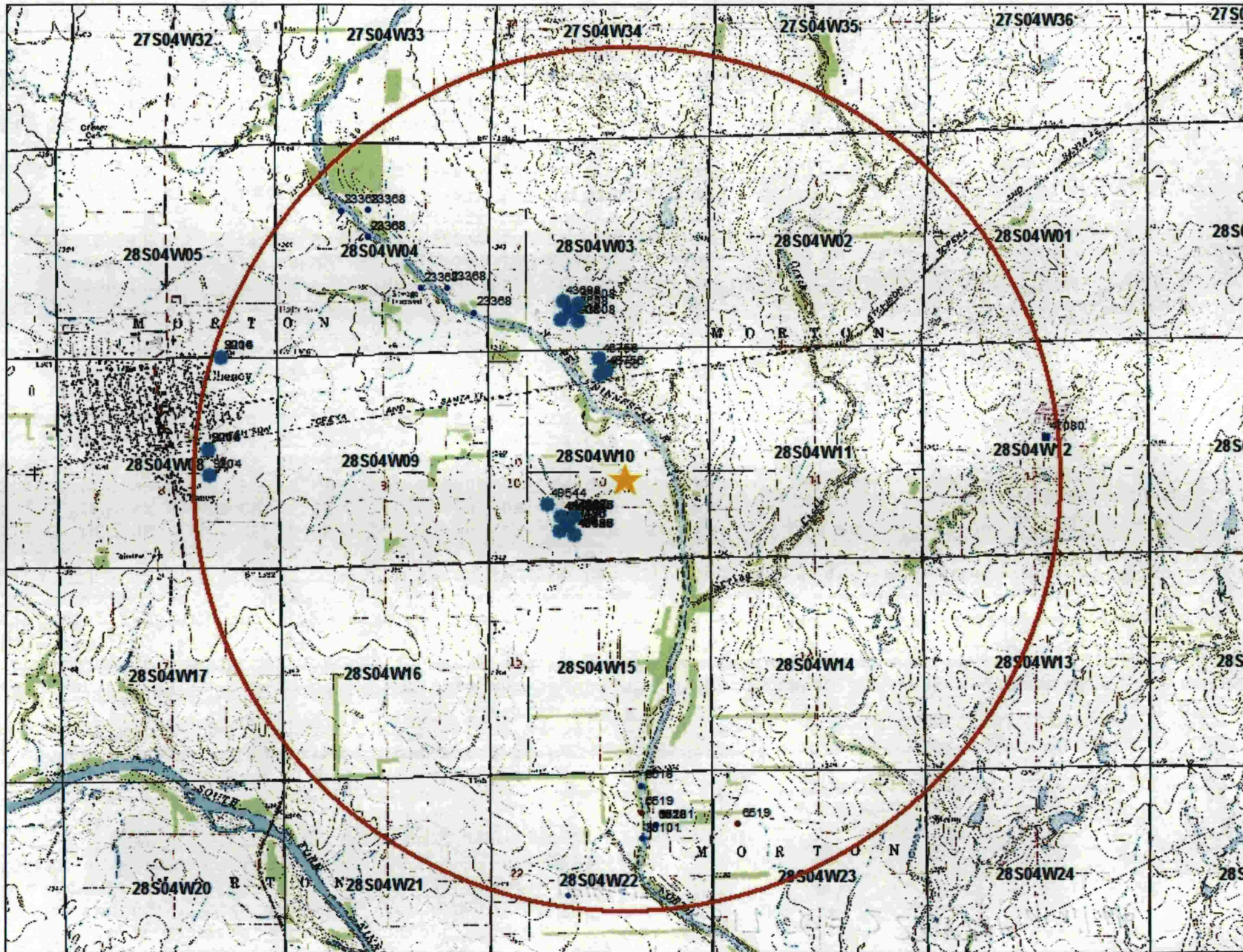
Authorized Quantity values are as of 29-NOV-2016 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 7 water right(s) and 17 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 2016 00	MUN NK G				SE	SW	NE	0	0	08	28	04W	3	WR	42.00	42.00		
Same	MUN NK G			SE	CR	SW	SE	0	0	05	28	04W	1	WR				
A 9204 00	MUN NK G				SE	SW	NE	0	0	08	28	04W	3	WR	91.53	54.36		
Same	MUN NK G			SE	CR	SW	SE	0	0	05	28	04W	1	WR				
Same	MUN NK G				NE	NW	SE	0	0	08	28	04W	5	WR				
A 43608 00	IRR NK G				NW	SE	SW	881	3353	03	28	04W	1	WR	195.00	195.00	130.00	130.00
Same	IRR NK G				NW	SE	SW	680	3566	03	28	04W	2	WR				
Same	IRR NK G				NW	SE	SW	1132	3520	03	28	04W	3	WR				
Same	IRR NK G				NE	SE	SW	655	3170	03	28	04W	4	WR				
Same	IRR NK G				NE	SE	SW	1055	3155	03	28	04W	5	WR				
A 46756 00	IRR LR G				SW	NW	NE	4595	2510	10	28	04W	2	WR	63.70	63.70	52.00	52.00
Same	IRR LR G				NW	NW	NE	4750	2300	10	28	04W	3	WR				
Same	IRR LR G				SE	NE	NW	4440	2720	10	28	04W	4	WR				
A 48126 00	IRR KE G				NW	SE	SW	1003	3627	10	28	04W	6	WR	139.10	139.10	125.00	125.00
Same	IRR KE G				NW	SE	SW	570	3303	10	28	04W	7	WR				
Same	IRR KE G				NW	SE	SW	1009	3304	10	28	04W	9	WR				
Same	IRR KE G				NW	SE	SW	662	3687	10	28	04W	10	WR				
Same	IRR KE G				NW	SE	SW	811	3480	10	28	04W	11	WR				
A 49450 00	IRR GY G				NW	SE	SW	1003	3627	10	28	04W	6	WR	162.50	23.40	125.00	0.00
Same	IRR GY G				NW	SE	SW	570	3303	10	28	04W	7	WR				
Same	IRR GY G				NW	SE	SW	1009	3304	10	28	04W	9	WR				
Same	IRR GY G				NW	SE	SW	662	3687	10	28	04W	10	WR				
Same	IRR GY G				NW	SE	SW	811	3480	10	28	04W	11	WR				
A 49544 00	IRR AY G						SW	1320	3960	10	28	04W	12	WR	114.40	114.40	88.00	69.00

517.56
approved

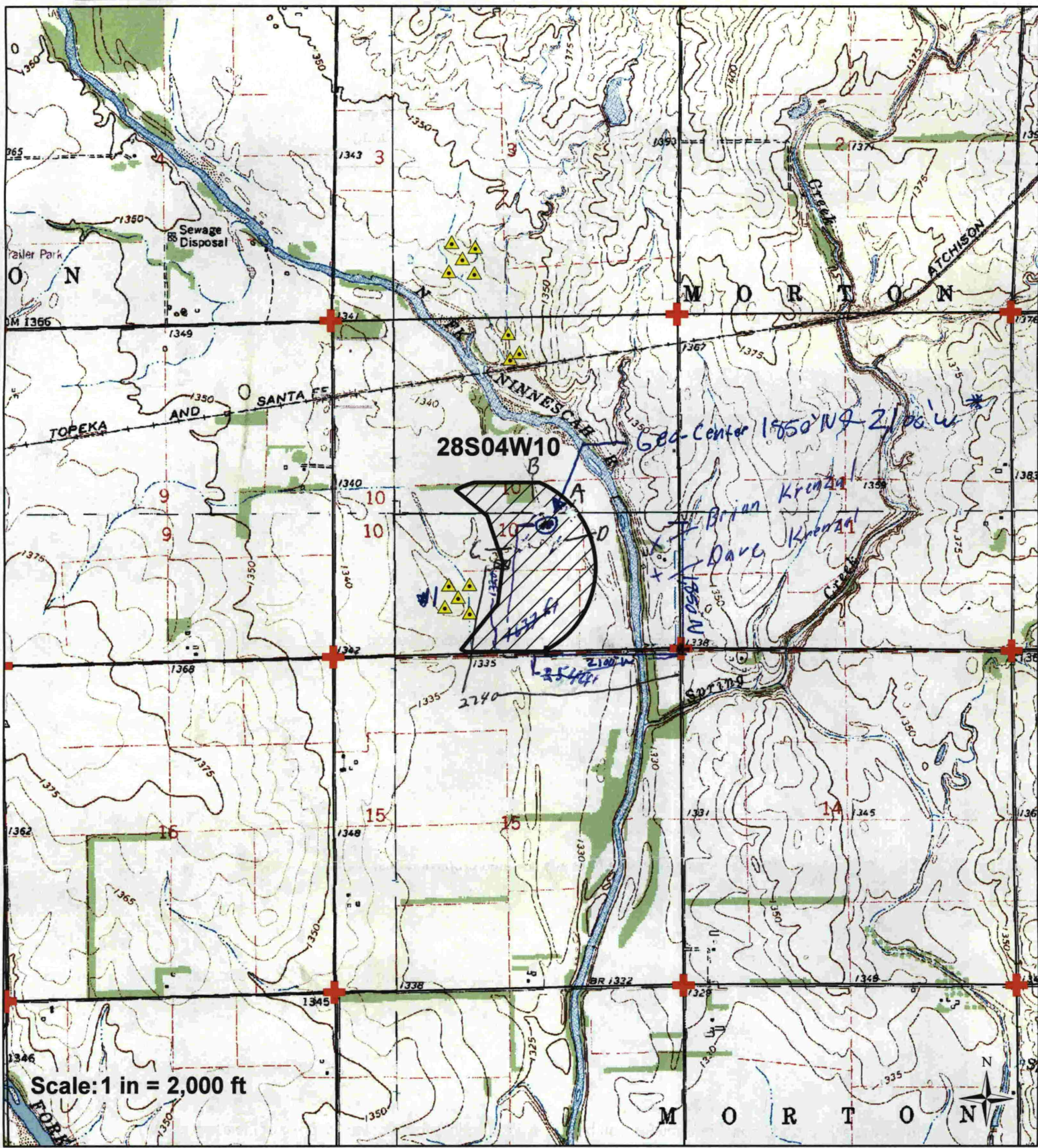
Safe Yield Report Sheet
Proposed Water Right Application
Point of Diversion in SENWNWSE 10-28S-04W



Primary map.
File No.

*MSM SFFO called applicant on 12/6/16 to discuss footages not matching location shown on map. stated might be off because of measurement wheel. wanted to go with location shown at 1850'N & 2100'W

49,544



Scale: 1 in = 2,000 ft

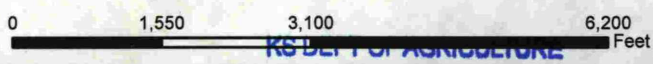
I declare that all water wells or diversion sites using the same source of supply and within 1/2 mile of the proposed point of diversion have been plotted on the application map.

- Proposed Point of Diversion
- ▨ Proposed Place of Use
- ▲ Water Rights
- ✚ Section Corner

Max E. Zell
Signature

APR 04 2016
Date

JAN 21 2016
Date: 8/31/2015
Created By: Matt Meier
F.O. 2



WATER RESOURCES RECEIVED

KS DEPT OF AGRICULTURE

Dave Krenzal

3801 South 343 West
Cheney, Ks 67025

Brian Krenzal

3701 South 343rd West
Cheney, Ks 67025

domestic wells



WATER RESOURCES
RECEIVED

JAN 21 2016

KS DEPT OF AGRICULTURE

WATER RESOURCES
RECEIVED

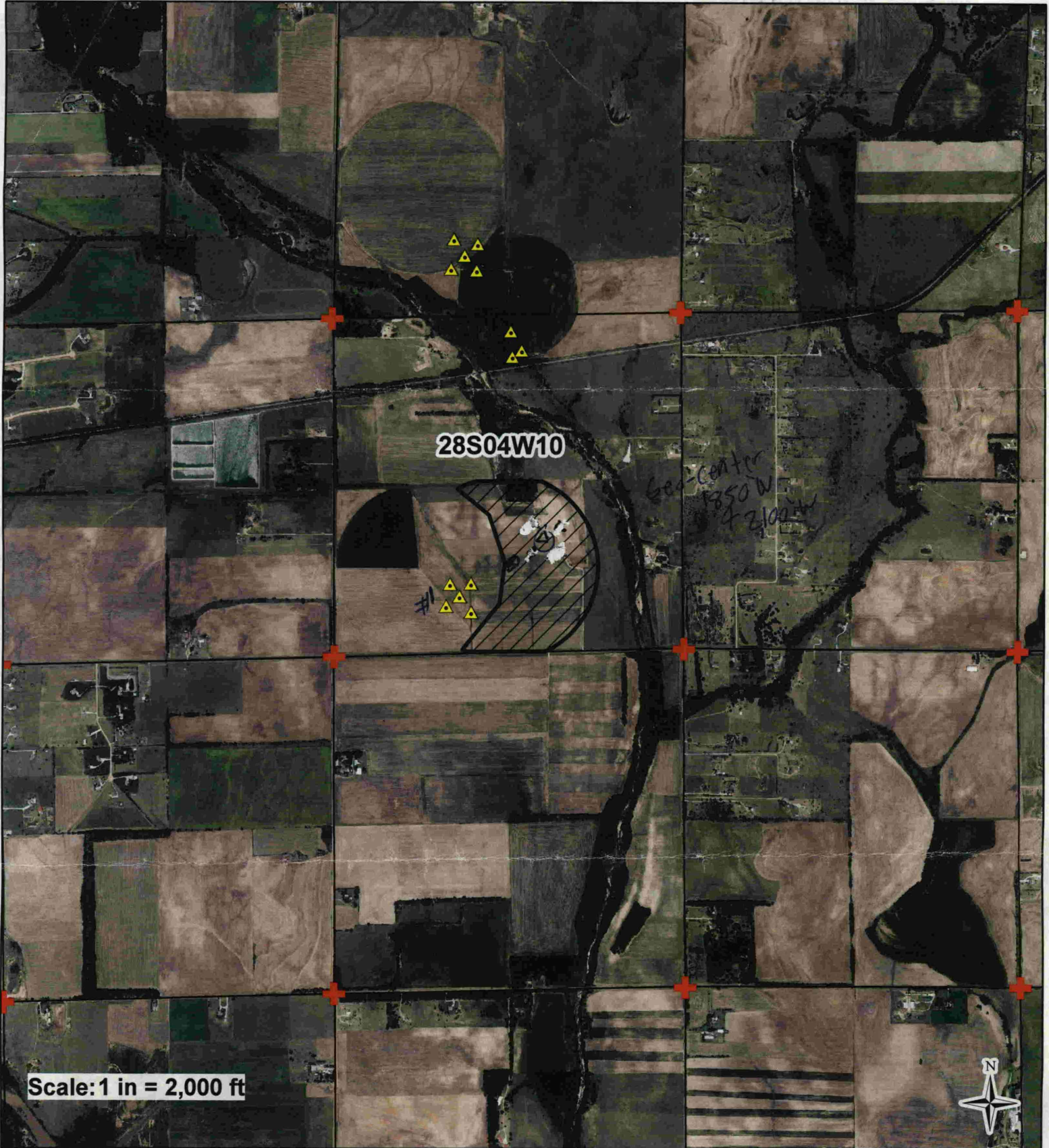
APR 04 2016

KS DEPT OF AGRICULTURE

* See Topo map as primary map.

49,544

File No. _____



28S04W10

Center
1350 W
+ 2100 W

#1

Scale: 1 in = 2,000 ft



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

● Proposed Point of Diversion

▨ Proposed Place of Use

▲ Water Rights

✚ Section Corner

Map & Wells

Signature

APR 04 2016

Date

JAN 21 2016

Created By: Matt Meier
F.O. 2

Date: 8/31/2015

0 1,550 3,100 4,650 6,200 Feet

KS DEPT OF AGRICULTURE

WATER RESOURCES RECEIVED