

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

| | | | |
|---|---|--|---------|
| 1. File Number: <p style="text-align: center;">49,265</p> | 2. Status Change Date: <p style="text-align: center;"><i>12/6/2016</i></p> | 3. Field Office: <p style="text-align: center;">02</p> | 4. GMD: |
|---|---|--|---------|

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

7a. Applicant(s) Person ID **61838**
 New to system Add Seq# _____

PAUL S LANGE
1098 N CONWAY SPRINGS RD
CONWAY SPRINGS KS 67031

7b. Landowner(s) Person ID **64350**
 New to system Add Seq# _____

JEFF LANGE
4911 S MERIDEN
WICHITA KS 67217

7c. Landowner(s) Person ID _____
 New to system Add Seq# _____

7d. Landowner Person ID _____
 New to system Add Seq# _____

8. WUR Correspondent Person ID _____
 New to system Add Seq# _____
 Overlap File (s) WUC Notarized WUC Form
 Agree Yes No
7b

9. Use of Water: Changing? Yes No

Groundwater Surface Water

IRR REC DEW MUN

STK SED DOM CON

HYD DRG WTR PWR ART RECHRG

IND SIC: _____ OTHER: _____

10. Completion Date: **12/31/2017** 11. Perfection Date: **12/31/2021** 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: **12/31/2017** Date WLMD Installed: _____

Date Prepared: **11/8/16** By: **MJM**
 Date Entered: *12/7/2016* By: *UM*

File No. **49,625** 15. Formation Code: **100** Drainage Basin: **Arkansas River** County: **SU** Special Use: Stream:

| 16. Points of Diversion | | | | | | | | | | |
|-------------------------|-----|-----|------|-------------------------|-----------|------------|-----------|----------|--------------|-----------------------|
| MOD | DEL | ENT | PDIV | Qualifier | S | T | R | ID | 'N | 'W |
| √ | | | | 83965 SWNESE | 27 | 30S | 3W | 1 | 1,575 | 925 Geo-Cent |
| | | | | ENT 85772 SWNESE | 27 | 30S | 3W | | 1,775 | 925 Bat 1 of 4 |
| | | | | ENT 85773 SWNESE | 27 | 30S | 3W | | 1,675 | 925 Bat 2 of 4 |
| | | | | ENT 85774 SWNESE | 27 | 30S | 3W | | 1,475 | 925 Bat 3 of 4 |
| | | | | ENT 85775 SWNESE | 27 | 30S | 3W | | 1,375 | 925 Bat 4 of 4 |

| 17. Rate and Quantity | | | | |
|-----------------------|---------------|------------|---------------|------------------|
| Authorized | | Additional | | |
| Rate gpm | Quantity af | Rate gpm | Quantity af | Overlap PD Files |
| 800 | 130.16 | 800 | 130.16 | 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 | | | | | | | | | | NE% | | | | NW% | | | | SW% | | | | SE% | | | | Total | Owner | Chg? NO | Overlap Files |
|------------------|-----|-----|--------------|-----------|------------|-----------|----------|----------|-----------|-----------|-----------|----------|------|------|-----------|------|------|------|------|----------|-----------|------|------|------------|------------|-------|-------------|---------|---------------|
| MOD | DEL | ENT | PUSE | S | T | R | ID | NE % | NW % | SW % | SE % | NE % | NW % | SW % | SE % | NE % | NW % | SW % | SE % | NE % | NW % | SW % | SE % | | | | | | |
| √ | | | 66637 | 27 | 30S | 3W | 1 | 8 | 22 | 40 | 22 | 2 | | | 11 | | | | | 2 | 13 | | | 120 | 7b. | | None | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Comments: **Application reduced to 130.16AF, at applicant's request, due to limited remaining SY quantity.**

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: November 8, 2016

FROM: Matt Meier

RE: Application, File No. 49,265

Paul Lange has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 130.16 acre-feet, and a diversion rate of 800 gallons per minute. The proposed geo-center of the battery of wells is to be located in the Southwest Quarter of the Northeast Quarter of the Southeast Quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 27, more particularly described as being near a point 1,575 feet North and 925 feet West of the Southeast corner of said section, Township 30 South, Range 3 West, Sumner County, within the drainage basin of the Arkansas River. There are no other water rights overlapping the point of diversion or place of use. The proposed place of use is owned by Jeff Lange. The applicant has signed the application form stating that he has legal access to the point of diversion. The application was reduced from 156 acre-feet to 130.16 acre-feet at the applicant's request due to limited availability of safe yield.

The applicant identified four domestic and zero non-domestic wells within one-half mile of the proposed well. Nearby well owner letters were sent out on October 13, 2016. No contact of any kind was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 19,221) is located 2,914 feet away. The site map indicates that the nearest domestic well is approximately 680 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.

The test hole log submitted with the application shows top soil from 0 to 3 feet, silty red clay from 3 to 16 feet, small-med sand from 16 to 37 feet, fine-small sand with pieces of clay & weathered shale from 37 to 44 feet, brown clay from 44 to 48 feet, fine to small sand from 48 to 57 feet, and shale from 57 to 59 feet below ground. The static water level was 29 feet below ground surface which provides a saturated thickness of 28 feet.

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 1,344 acres. With a potential annual recharge of 2.43 inches, and 100% of recharge available for appropriation, safe yield was determined to be 272.16 acre-feet. Existing water rights have appropriated 142 acre-feet, providing a difference of 130.16 acre-feet available for appropriation, and the application requesting 130.16 acre-feet complies with safe yield. The initial application was requesting 156 but the requested quantity was reduced (with the applicant's approval) to obtain the remaining safe yield quantity.

The requested quantity of water, 130.16 acre-feet, is reasonable to irrigate the proposed 120 acres identified in the application. This equals approximately 1.09 acre-feet per acre and is less than the maximum allowable of 1.3 acre-feet per acre for Sumner County, Kansas but more than the minimum reasonable quantity of 1.01 acre-feet per acre. 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.

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 application on November 3, 2016. 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.

Matt Meier
Environmental Scientist
Permits Unit



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

PAUL S LANGE
1098 N CONWAY SPRINGS RD
CONWAY SPRINGS KS 67031

December 7, 2016

FILE COPY

RE: Application, File No. 49,265

Dear Mr. Lange:

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
JEFF LANGE



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. 49,265** of the applicant

**PAUL S LANGE
1098 N CONWAY SPRINGS RD
CONWAY SPRINGS KS 67031**

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 20, 2015**.
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 | |
| 27 | 30S | 3W | 8 | 22 | 40 | 22 | 2 | | | 11 | | | | | 2 | 13 | | | 120 |

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 Northeast Quarter of the Southeast Quarter (SW¼ NE¼ SE¼) of Section 27, more particularly described as being near a point 1,575 feet North and 925 feet West of the Southeast corner of said section, in Township 30 South, Range 3 West, Sumner 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 **130.16 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 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 December, 2016, 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 December, 2016, by Lane P. Letourneau, L.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.



Amber L. Herring

Notary Public

CERTIFICATE OF SERVICE

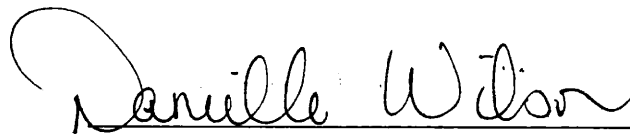
On this 7th day of December, 2016, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,265, dated December 6, 2016 was mailed postage prepaid, first class, US mail to the following:

PAUL S LANGE
1098 N CONWAY SPRINGS RD
CONWAY SPRINGS KS 67031

With photocopies to:

JEFF LANGE
4911 S MERIDEN
WICHITA KS 67217

Stafford Field Office



Division of Water Resources

THE STATE OF KANSAS



APPLICATION COMPLETE
1/20/15
Reviewer MTM/GFFO

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49265
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE

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

JAN 20 2015

2:19
KS DEPT OF AGRICULTURE
SCANNED

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): Paul Lange

Address: Address 1098 N Conway Springs Rd

City: Conway Springs State KS Zip Code 67031

Telephone Number: (316) 644-4437

2. The source of water is: surface water in _____ (stream)
OR groundwater in Arkansas 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. ** 11/3/16 reduced at the applicant's request to obtain remaining safe yield quantity. confirmed via phone & email 12/14/15/FFO*

3. The maximum quantity of water desired is 156130.16 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

RECEIVED

APR 27 2015

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. Stafford Field Office
Division of Water Resources

| | | | |
|----------------------|-------------------|---|---|
| For Office Use Only: | | F.O. <u>2</u> <u>GMD</u> <u>0</u> Meets K.A.R. 5-3-1 (YES/NO) Use <u>IRR</u> Source <u>G/S</u> County <u>SU</u> By <u>KAG</u> Date <u>1-20-15</u> | |
| Code <u>RE-2</u> | Fee \$ <u>500</u> | TR # _____ | Receipt Date <u>1-20-15</u> Check # <u>3130</u> |

1/20/2015 LLM

*MSM/FFO

11/3/16

Estimated locations of proposed wells set as place holders after discussing it with applicant via phone.

File No. 49265

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.

Geo-CENT

(A) One in the SW quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 1,575 feet North and 925 feet West of the Southeast corner of said section, in Township 30 South, Range 3 West, Sumner County, Kansas.

Bat 1 of 4

(B) One in the SW quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 1775 feet North and 925 feet West of the Southeast corner of said section, in Township 30 South, Range 3 East West (circle one), Sumner County, Kansas.

Bat 2 of 4

(C) One in the SW quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 1675 feet North and 925 feet West of the Southeast corner of said section, in Township 30 South, Range 3 East West (circle one), Sumner County, Kansas.

Bat 3 of 4

(D) One in the SW quarter of the NE quarter of the SE quarter of Section 27, more particularly described as being near a point 1475 feet North and 925 feet West of the Southeast corner of said section, in Township 30 South, Range 3 East West (circle one), Sumner County, Kansas.

Bat 4 of 4 SWNESE

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):

Jeff Lange; 4911 S Meridian, Wichita, KS 67217

(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 15th, 2015.

Paul S. Lange

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

RECEIVED WATER RESOURCES RECEIVED (Mo/Day/Year)

APR 27 2015

JAN 20 2015

Stafford Field Office Division of Water Resources KS DEPT OF AGRICULTURE

- 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 RECEIVED
JAN 20 2015
SCANNED APR 27 2015

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

Manager; Nephew
(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):

Jeff Lange ; 4911 S Meridian; Wichita, KS 67217 (316) 529-3100
(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 Conway Springs, Kansas, this 15th day of January, 2015.
(month) (year)

Paul S Lange
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by Matt Meier ESII Date: 1/9/2015
(office/title)

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Stafford Field Office
Division of Water Resources
KS DEPT OF AGRICULTURE

FEE SCHEDULE

1. The fee for an application for a permit to appropriate water for beneficial use, except for domestic use, shall be (see paragraph No. 2 below if requesting storage):

| ACRE-FEET | FEE |
|---------------|--|
| 0-100 | \$200.00 |
| 101-320 | \$300.00 |
| More than 320 | \$300.00 plus \$20.00 for each additional 100 acre-feet or any part thereof. |

2. The fee for an application in which storage is requested, except for domestic use, shall be:

| ACRE-FEET | FEE |
|---------------|---|
| 0-250 | \$200.00 |
| More than 250 | \$200.00 plus \$20.00 for each additional 250 acre-feet of storage or any part thereof. |

Note: If an application requests both direct use *and* storage, the fee charged shall be as determined under No. 1 or No. 2 above, whichever is greater, but not both fees.

3. The fee for an application for a permit to appropriate water for water power or dewatering purposes shall be \$100.00 plus \$200.00 for each 100 cubic feet per second, or part thereof, of the diversion rate requested.

Note: The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee of \$400.00 when construction of the works for diversion has been completed, except that for applications filed on or after July 1, 2009, for works constructed for sediment control use and for evaporation from a groundwater pit for industrial use shall be accompanied by a field inspection fee of \$200.00.

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

A Water Conservation Plan may be required per K.S.A. 82a-733. A statement that your application for permit to appropriate water may be subject to the minimum desirable streamflow requirements per K.S.A. 82a-703a, b, and c may also be required from you. After the Division of Water Resources has had the opportunity to review your application, you will be notified whether or not you will need to submit a Water Conservation Plan. You also may be required to install a water flow meter or water stage measuring device on your diversion works prior to diverting water. There may be other special conditions or Groundwater Management District regulations that you will need to comply with if this application is approved.

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

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KS DEPT OF AGRICULTURE Division of Water Resources

49265

1. Kevin Doll
1023 N Springdale Rd
Conway Springs, KS 67031
2. Brian Lange
1019 N Springdale Rd
Conway Springs, KS 67031
3. Fred Lange
1020 N Springdale Rd
Conway Springs, KS 67031
4. Kevin Wolken
1053 N Springdale Rd
Conway Springs, KS 67031

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Division of Water Resources

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IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49205

Name of Applicant (Please Print): Paul Lange

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: Jeff Lange

ADDRESS: 4911 S Meridian, Wichita, KS 67217

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL |
|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| 27 | 30 | 3W | 8 | 22 | 40 | 22 | 2 | | | 11 | | | | | 2 | 13 | | | 120 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

Landowner of Record NAME: _____

ADDRESS: _____

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

Landowner of Record NAME: _____

ADDRESS: _____

| S | T | R | NE¼ | | | | NW¼ | | | | SW¼ | | | | SE¼ | | | | TOTAL |
|---|---|---|-----|----|----|----|-----|----|----|----|-----|----|----|----|-----|----|----|----|-------|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
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Page 1 of 2

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APR 27 2015

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

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

| Soil Name | Percent of field (%) | Intake Rate (in/hr) | Irrigation Design Group |
|--------------|----------------------|---------------------|-------------------------|
| <u>Nalim</u> | <u>72</u> | <u>.6-2.0</u> | <u>Favorable</u> |
| <u>Milan</u> | <u>28</u> | <u>.6-2.0</u> | <u>Favorable</u> |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| Total: | 100 % | | |

b. Estimate the average land slope in the field(s): 1-3 %
 Estimate the maximum land slope in the field(s): 3 %

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

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

d. System design features:

- i. Describe how you will control tailwater: N/A
- ii. For sprinkler systems:
 - (1) Estimate the operating pressure at the distribution system: 35 psi
 - (2) What is the sprinkler package design rate? 800 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? 50 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:

Wheat, Corn, Soybeans, Canola, Milo, Cotton

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).

Conduct soil probing and compare to crop stress. Systematically use consulting agronomist for complete treatment and management plan.

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

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Stafford Field Office Division of Water Resources

1/15/15

(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. 49265

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.

Paul S. Lange
Signature of Applicant

State of Kansas)
County of Sumner) ss

Paul S. Lange
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 15 day of January, 2015.

PAMELA K. LANGE
Notary Public, State of Kansas
My Appt. Expires 4/19/18

Pamela K. Lange
Notary Public

My Commission Expires:

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49265-

**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

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Stafford Field Office
Division of Water Resources

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KS DEPT OF AGRICULTURE

49265

DARLING DRILLING COMPANY

3916 W. 56th Avenue
Hutchinson, KS 67502

DRILLER'S LOG

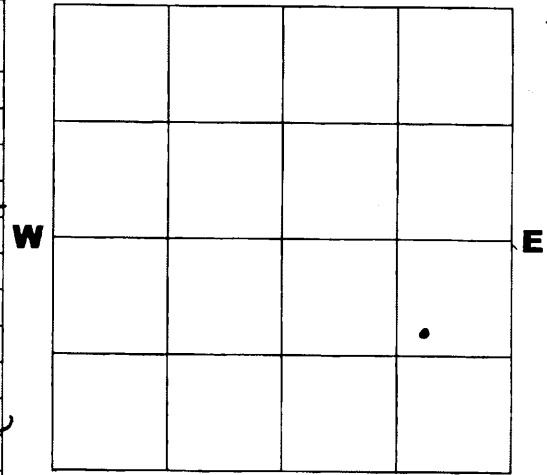
Name Paul Lange Date 12-2-14
 Address _____ Test No Test
 County _____ Quarter _____ Section 27 Twp. 30S Range 3W
 Latitude 37.40553 Longitude 099.62598 Elevation 1298

SE SW NE SE

N

#4
SE
corner
of
field

| Drilled Footage | | Description of Strata |
|---|----|---|
| From | To | |
| 0 | 3 | Top soil |
| 3 | 16 | Red clay - silty |
| 16 | 37 | small - med sand |
| 37 | 44 | Fine - small sand w/pieces of clay + weathered shale |
| 44 | 48 | brown clay |
| 48 | 57 | Fine small sand |
| 57 | 59 | Shale |
| 1325' N of South line - 900' W of East line | | |



Static Water Level: 29'
 Depth of Well: 59'
 Type & Size of Casing: 160 #4"
 Plain: PVC FT. to 39 FT. 0
 Perf: PVC FT. to 59 FT. 39
 Gravel Pack Intervals: 59 To: 20
 Hole Plug: 20 To: 0
 # of Sacks: 5
 Contamination: N/A
 Direction from Well: _____
 Casing above Surface: 14"
 Bore Hole: 7
 Extra Cap: Yes No
 Centralizers: NO
 Remarks: Est 100-059pm 16" well
40" hole

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 Stafford Field Office
 Division of Water Resources
 KS DEPT OF AGRICULTURE

Meier, Matt

From: Paul Lange <langepaul@hotmail.com>
Sent: Thursday, November 03, 2016 1:30 PM
To: Meier, Matt
Subject: File No. 49,265 AF Reduction

Matt,

I am writing to you this afternoon to acknowledge the reduction of available quantity for File No. 49,265 from our original application down to 130.14AF. It is our desire to continue to proceed with our application and secure the 130.14AF available.

Thanks,
-Paul

From: Matt.Meier@KDA.KS.GOV
To: langepaul@hotmail.com
Subject: 49255 & 49265 Safe Yield
Date: Thu, 1 Oct 2015 16:26:06 +0000
Hello Paul,

Per our phone conversation here is the Safe Yield Situation with your two pending applications.

Safe Yield for 49,255 shows an available quantity of 102.01AF. This would be a reduction of 72.19AF. We would normally process this application first but since you have both the applications you would have the ability to dismiss this one, leaving more water for the second application.

Something also to consider is that your proposed battery location for 49,255 looks like it could fail to meet spacing to a domestic well owned by Brain May.

Safe Yield for 49,265 shows an available quantity of 130.14AF (if you decide to dismiss 49,255). This would be a reduction of 25.86 AF. If you don't dismiss 49,255 only 28.13 AF would be available.

Let me know what you would be interested in doing and feel free to call me if you have more questions. Once you decide I can send you formal letters and we can go over modifying the applications as a reduction in place of use will probably be needed due to the reduction in quantity.

Matt Meier, Environmental Scientist
Kansas Department of Agriculture
Division of Water Resources
Stafford Field Office
(620) 234-5311
Matt.Meier@kda.ks.gov
www.ksda.gov/dwr

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

MEMORANDUM

Draft

TO: Files

DATE: November 3, 2016

FROM: Matt Meier

RE: Application, File No. 49,265

Paul Lange has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 130.16 acre-feet, and a diversion rate of 800 gallons per minute. The proposed geo-center of the battery of wells is to be located in the Southwest Quarter of the Northeast Quarter of the Southeast Quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$) of Section 27, more particularly described as being near a point 1,575 feet North and 925 feet West of the Southeast corner of said section, Township 30 South, Range 3 West, Sumner County, within the drainage basin of the Arkansas River. There are no other water rights overlapping the point of diversion or place of use. The proposed place of use is owned by Jeff Lange. The applicant has signed the application form stating that he has legal access to the point of diversion. The application was reduced from 156 acre-feet to 130.16 acre-feet at the applicant's request due to limited availability of safe yield.

The applicant identified four domestic and zero non-domestic wells within one-half mile of the proposed well. Nearby well owner letters were sent out on October 13, 2016. No contact of any kind was received. According to the WRIS database, the nearest non-domestic point of diversion (File No. 19,221) is located 2,914 feet away. The site map indicates that the nearest domestic well is approximately 680 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.

The test hole log submitted with the application shows top soil from 0 to 3 feet, silty red clay from 3 to 16 feet, small-med sand from 16 to 37 feet, fine-small sand with pieces of clay & weathered shale from 37 to 44 feet, brown clay from 44 to 48 feet, fine to small sand from 48 to 57 feet, and shale from 57 to 59 feet below ground. The static water level was 29 feet below ground surface which provides a saturated thickness of 28 feet.

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 1,344 acres. With a potential annual recharge of 2.43 inches, and 100% of recharge available for appropriation, safe yield was determined to be 272.16 acre-feet. Existing water rights have appropriated 142 acre-feet, providing a difference of 130.16 acre-feet available for appropriation, and the application requesting 130.16 acre-feet complies with safe yield. The initial application was requesting 156 but the requested quantity was reduced (with the applicant's approval) to obtain the remaining safe yield quantity.

The requested quantity of water, 130.16 acre-feet, is reasonable to irrigate the proposed 120 acres identified in the application. This equals approximately 1.09 acre-feet per acre and is less than the maximum allowable of 1.3 acre-feet per acre for Sumner County, Kansas but more than the minimum reasonable quantity of 1.01 acre-feet per acre. 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.

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.

Matt Meier
Environmental Scientist
Permits Unit

11/3/2014

Concur w/ Matt's Recommendation
Approve it
JM

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

October 13, 2016

Kevin Wolken
1053 N Springdale RD
Conway Springs, KS 67031

Re: Pending Application, File No. 49,265

Dear Sir or Madam:

This is to advise you that Paul Lange has filed the application referred to above for a permit to appropriate 156 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 49,265 is four (4) wells located as follows:

In the Southwest Quarter of the Northeast Quarter of the Southeast Quarter of Section 27, Township 30 South, Range 3 West, Sumner 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:

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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

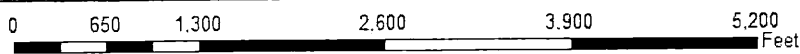
Phone: (620) 234-5311
Fax: (620) 234-6900
www.agriculture.ks.gov
Sam Brownback, Governor



Legend

- + Section Corners
- Section Lines

MJM-DWR 10/13/16



Proposed Water Appropriation, File No. 49,265
27-30S-3W
Sumner County



Kansas

Department of Agriculture
Division of Water Resources

Stafford Field Office
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October 13, 2016

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Sincerely,



Matt Meier
Environmental Scientist
Water Appropriations Program

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pc:

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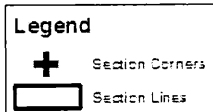
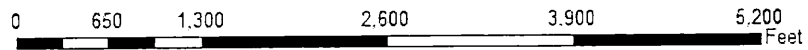
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MJM-DWR 10/13/16

Proposed Water Appropriation, File No. 49.265
27-30S-3W
Sumner County



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October 13, 2016

Brian Lange
1019 N Springdale RD
Conway Springs, KS 67031

Re: Pending Application, File No. 49,265

Dear Sir or Madam:

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Matt Meier
Environmental Scientist
Water Appropriations Program

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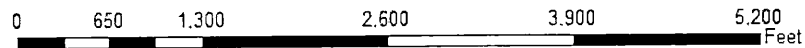
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Legend

- Section Corners
- Section Lines

MJM-DWR 10/13/16



Proposed Water Appropriation, File No. 49,265
27-30S-3W
Sumner County



Kansas

Department of Agriculture
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Fax: (620) 234-6900
www.agriculture.ks.gov
Sam Brownback, Governor

October 13, 2016

Fred Lange
1020 N Springdale RD
Conway Springs, KS 67031

Re: Pending Application, File No. 49,265

Dear Sir or Madam:

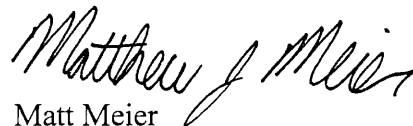
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Sincerely,



Matt Meier
Environmental Scientist
Water Appropriations Program

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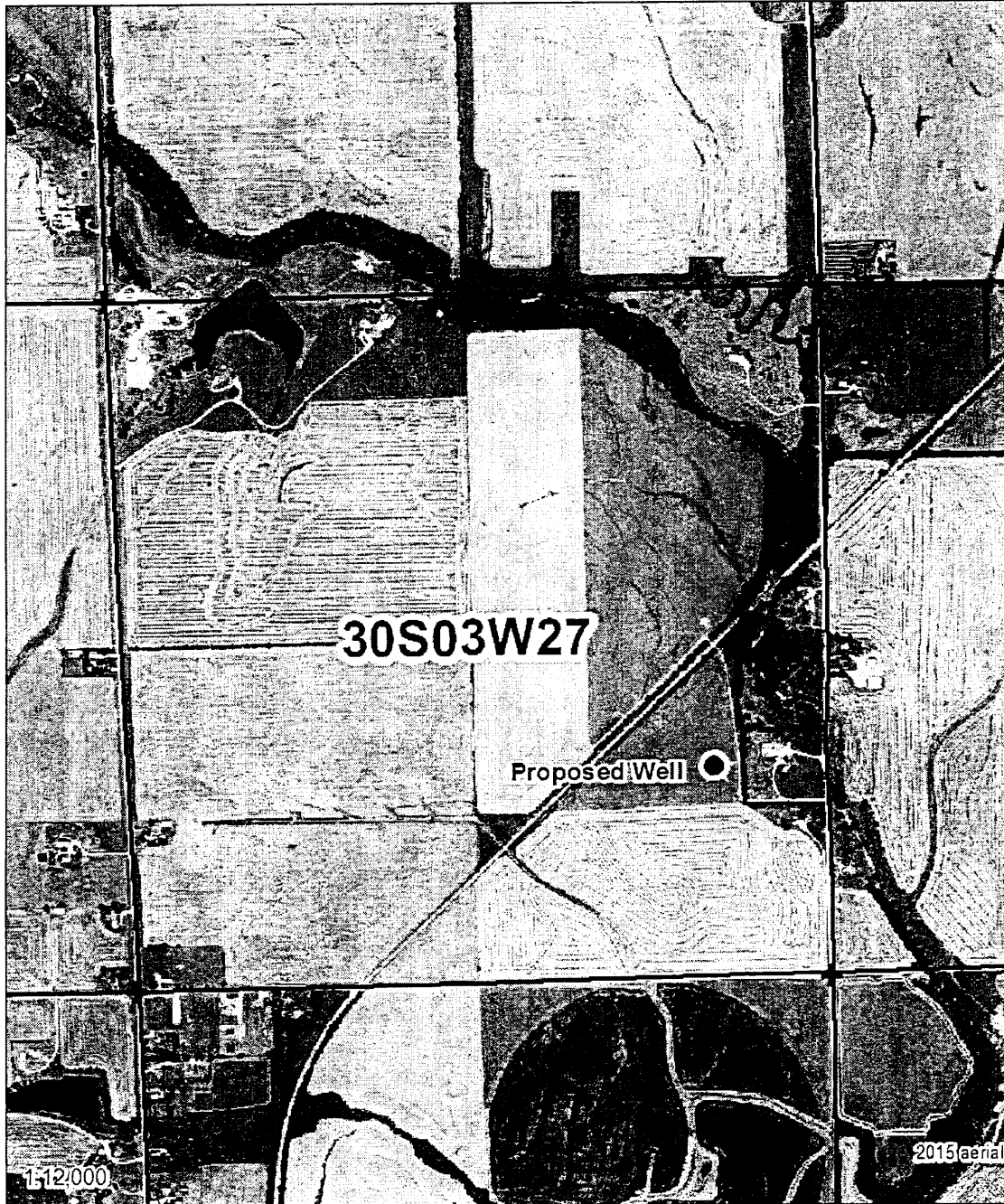
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Stafford, Kansas 67578-1521

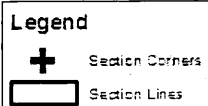
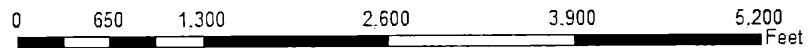
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

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



1:12,000

2015 aerial



MJM-DWR 10/13/16

Proposed Water Appropriation, File No. 49,265
27-30S-3W
Sumner 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

October 13, 2016

Brian Lange
1019 N Springdale RD
Conway Springs, KS 67031

Re: Pending Application, File No. 49,265

Dear Sir or Madam:

This is to advise you that Paul Lange has filed the application referred to above for a permit to appropriate 156 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 49,265 is four (4) wells located as follows:

In the Southwest Quarter of the Northeast Quarter of the Southeast Quarter of Section 27, Township 30 South, Range 3 West, Sumner 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:

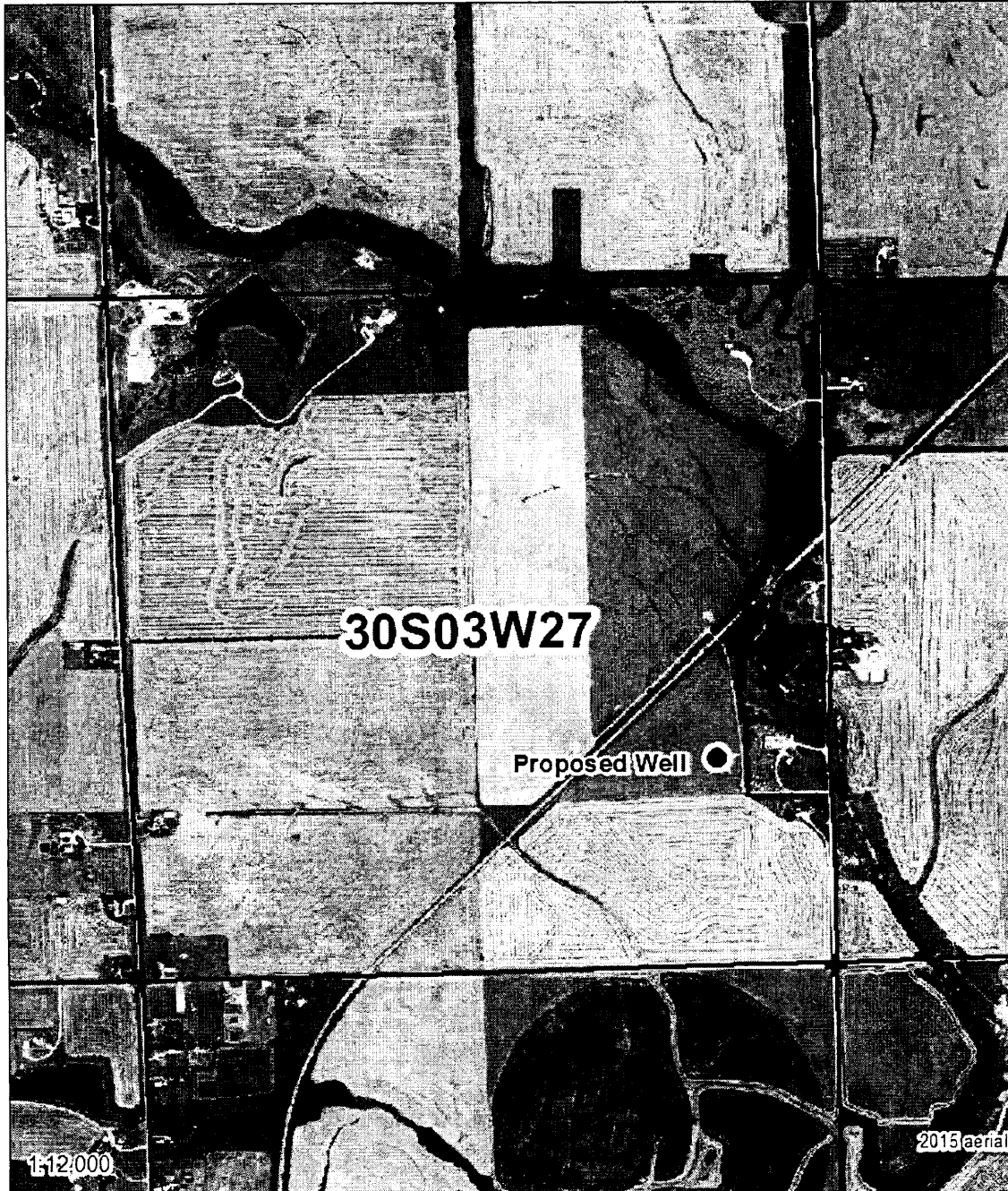
Kansas

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



1:12,000

2015 aerial

0 650 1,300 2,600 3,900 5,200 Feet

Legend

- + Section Corners
- Section Lines

MJM-DWR 10/13/16

Proposed Water Appropriation, File No. 49,265
27-30S-3W
Sumner County





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 22, 2015

PAUL LANGE
1098 CONWAY SPRINGS RD
CONWAY SPRINGS KS 67031

RE: Application
File No. 49265

Dear Sir or Madam:

Your application for permit to appropriate water in 27-30-3-W in Sumner 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) 564-6643. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

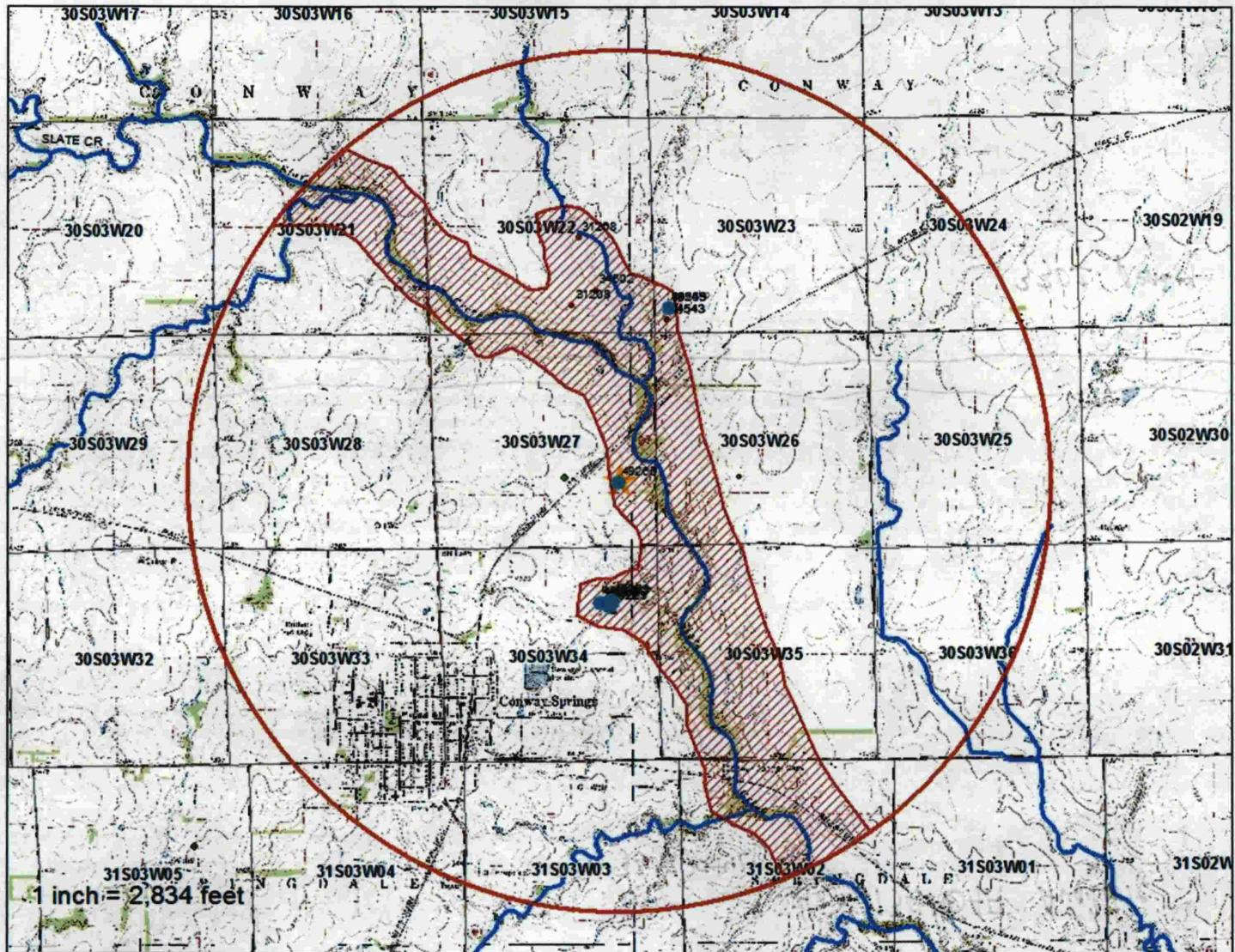
Sincerely,

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

DWS: dlw
pc: STAFFORD Field Office
GMD

#49,205

Safe Yield Report Sheet
Proposed Water Right Application
Point of Diversion in SESWNESE 27-30S-03W



#49,205

#49265
 meets S.Y.
 with reduction

Analysis Results

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 272.16 AF. $-142 = 130.16$ AF Available

Total prior appropriation in the circle is 472.20 AF. $-330.2 = 142$

Total quantity of water available for appropriation is 0.00 AF.

Safe Yield Variables

The area used for the analysis is set at 1344 acres.

Potential annual recharge of the area is estimated to be 2.43 inches.

The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 11-AUG-2015 and are based on Appropriated and Vested ground water right and possible stream nodes for GMD #2. Domestic, Term and Temporary water rights have been excluded.

There are 3 water 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 19221 00 | IRR | NK | G | | NW | SE | NE | 3945 | 1300 | 34 | 30 | 03W | 1 | WR | 142.00 | 142.00 | 110.00 | 110.00 |
| Same | IRR | NK | G | | NW | SE | NE | 3945 | 1200 | 34 | 30 | 03W | 2 | WR | | | | |
| Same | IRR | NK | G | | NW | SE | NE | 3945 | 1100 | 34 | 30 | 03W | 4 | WR | | | | |
| A 49255 00 | IRR | AY | G | | SW | SW | SW | 645 | 4884 | 23 | 30 | 03W | 1 | WR | 174.20 | 174.20 | 134.00 | 134.00 |
| A 49265 00 | IRR | AY | G | | SW | NE | SE | 1575 | 925 | 27 | 30 | 03W | 1 | WR | 156.00 | 156.00 | 120.00 | 120.00 |

dismissed
 9 +
 applicants
 requests

330.2 pending

#add 502

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

1575 ft N and 925 ft W of the SE Corner of Section 27, T 30S, R 3W

Located at: 97.626049 West Longitude and 37.406227 North Latitude

GROUNDWATER ONLY

#49265

meets spacing

| File Number | Use | ST | SR | Dist | (ft) | Q4 | Q3 | Q2 | Q1 | FeetN | FeetW | Sec | Twps | Rng | ID | Batt | Auth_Quan | Add_Quan | Unit | |
|-------------|-----|-----|----|------|------|----|----|----|----|-------|-------|-----|------|-----|----|------|-----------|----------|--------|----|
| A_ 19221 | 00 | IRR | NK | G | 2914 | -- | NW | SE | NE | 3945 | 1200 | 34 | 30 | 3W | 2 | G | 2 | 142.00 | 142.00 | AF |
| Same | | | | | 2923 | -- | NW | SE | NE | 3945 | 1300 | 34 | 30 | 3W | 1 | B | 2 | | | |
| Same | | | | | 2910 | -- | NW | SE | NE | 3945 | 1100 | 34 | 30 | 3W | 4 | B | 2 | | | |
| A_ 49255 | 00 | IRR | AY | G | 4485 | -- | SW | SW | SW | 645 | 4884 | 23 | 30 | 3W | 1 | | | 174.20 | 174.20 | AF |
| A_ 49265 | 00 | IRR | AY | G | 0 | -- | SW | NE | SE | 1575 | 925 | 27 | 30 | 3W | 1 | | | 156.00 | 156.00 | AF |

| Total Net Quantities Authorized: | Direct | Storage |
|----------------------------------|--------|---------|
| Total Requested Amount (AF) = | 330.20 | .00 |
| Total Permitted Amount (AF) = | .00 | .00 |
| Total Inspected Amount (AF) = | .00 | .00 |
| Total Pro_Cert Amount (AF) = | .00 | .00 |
| Total Certified Amount (AF) = | 142.00 | .00 |
| Total Vested Amount (AF) = | .00 | .00 |
| TOTAL AMOUNT (AF) = | 472.20 | .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:

97.626049 West Longitude and 37.406227 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

- File Number Use ST SR
- A_ 19221 00 IRR NK G
- > IVAN J & CYNTHIA M DOLL DOLL
- >
- > 824 E SAINT LOUIS ST
- > CONWAY SPRINGS KS 67031
-
- A_ 49255 00 IRR AY G
- > PAUL S LANGE
- >
- > 1074 N CONWAY SPRINGS RD
- > CONWAY SPRINGS KS 67031
-
- A_ 49265 00 IRR AY G
- > JEFF LANGE
- >
- > 4911 S MERIDEN
- > WICHITA KS 67217
-



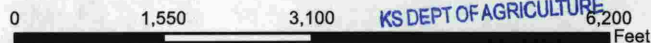
South-Central KS Designated Unit Area - ARK31

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
- Water Rights
- Domestic Wells
- Proposed Place of Use
- Section Corner

Signature _____

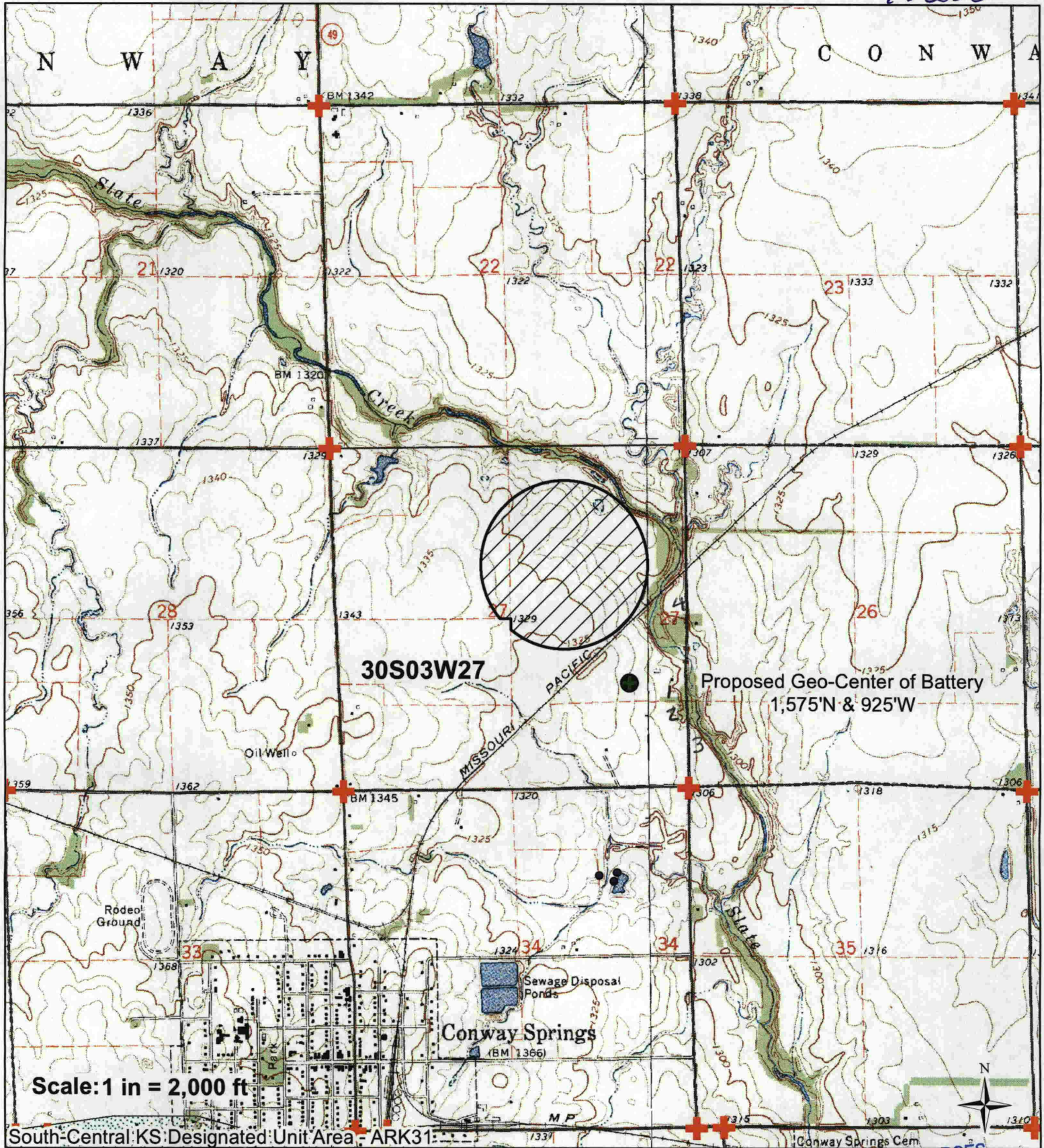
Date _____



RECEIVED
 APR 27 2015
 SCANNED
 JAN 20 2015
 KS DEPT OF AGRICULTURE
 Stafford Foraker
 Division of Water Resources
 Created By: Matt Meier
 Date: 1/9/15

File No. _____

49265



RECEIVED

WATER RESOURCES RECEIVED

APR 27 2015

1-15-15

JAN 20 2015

- Proposed Point of Diversion
- ▲ Water Rights
- ★ Domestic Wells
- ▨ Proposed Place (State)
- ⊕ Section Corner

Sturford Field Office
Division of Water Resources

Paul S. Large
Signature

Date

Created By: Matt Meier
FO 2 AGRICULTURE
Date: 1/9/15

0 1,550 3,100 6,200 Feet