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

1. File Number:	2. Status Change Date:	3. Field Office:	4. GMD:
49,622	3/24/2017	**01**	**0**

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 **64948**
New to system ☐ — Add Seq# _____

NATHAN LANGE
1226 EAST 85TH STREET NORTH
VALLEY CENTER KS 67147

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

7a.

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

7d. Misc. — 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

7a.

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: **12/31/2018** 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: _____ Date WLMD Installed: _____

Date Prepared: **3/21/2017** By: **DWS**
Date Entered: 3/27/2017 By: LLM

File No. **49,622** | 15. Formation Code: 100/**600** | Drainage Basin: Pottawatomie Creek | County: **AN** | Special Use: | Stream:

16. Points of Diversion T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	17. Rate and Quantity Authorized Rate gpm	Authorized Quantity af	Additional Rate gpm	Additional Quantity af	Overlap PD Files
MOD	**85238**	**NW NE SW**	**13**	**20**	**20E**	**1**	**2075**	**3605** (Geo-Ctr)	**800**	**320**	**800**	**320**	**NONE**
ENT	85967	**NW NE SW**	**13**	**20**	**20E**		**2210**	**3770** (Batt 1 of 4)					
ENT	85968	**NW NE SW**	**13**	**20**	**20E**		**2150**	**3690** (Batt 1 of 4)					
ENT	85969	**NW NE SW**	**13**	**20**	**20E**		**2020**	**3530** (Batt 1 of 4)					
ENT	85970	**SW NE SW**	**13**	**20**	**20E**		**1920**	**3430** (Batt 1 of 4)					
		Battery ID #2016											

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 T MOD DEL ENT	PUSE	S	T	R	ID	NE¼ NE ¼	NE¼ NW ¼	NE¼ SW ¼	NE¼ SE ¼	NW¼ NE ¼	NW¼ NW ¼	NW¼ SW ¼	NW¼ SE ¼	SW¼ NE ¼	SW¼ NW ¼	SW¼ SW ¼	SW¼ SE ¼	SE¼ NE ¼	SE¼ NW ¼	SE¼ SW ¼	SE¼ SE ¼	Total	Owner	Chg? NO	Overlap Files
MOD	**67686**	**13**	**20**	**20E**	**1**									**40**		**14**	**40**	**40**	**40**	**40**	**40**	**254**	**7a**	**No**	**NONE**
MOD	**67687**	**24**	**20**	**20E**	**1**	**38**	**28**															**66**	**7a**	**No**	**NONE**

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files **DATE:** March 21, 2017

FROM: Doug Schemm **RE:** Application, File No. 49,622

Nathan Lange has filed the above referenced new application proposing to appropriate 320 acre-feet of groundwater for irrigation use at a diversion rate of 800 gallons per minute from a proposed battery of 4 wells. The well battery would be located in the Southwest Quarter of Section 13, in Township 20 South, Range 20 East, in Anderson County. The proposed appropriation is located in the drainage basin of Pottawatomie Creek. The applicant owns the entire place of use comprising 320 acres, and he has signed the application form stating that he has access to the point of diversion. The maximum allowable to irrigate the proposed 320 acres in Anderson County is 1.0 acre-feet per acre, or a total of 320 acre-feet.

The applicant did not identify any domestic wells, and the WRIS database does not indicate any permitted wells, within one-half mile of the proposed point of diversion. A review of aerial maps and the WWC-5 database supports the absence of nearby wells, with no evidence of homes or any other development in the immediate area. No notification letters are required. The proposed point of diversion meets minimum well spacing to all 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 other non-domestic wells.

There has been very little well development in this area, however a few domestic well logs in the local area were located in the KGS WWC-5 database, which show the only lithologic units encountered were alternating limestone and shale layers. There is no geologic bulletin for Anderson County, however the general Anderson County geology map indicates that this area is underlain by Pennsylvanian Age bedrock, likely the Lansing and Kansas City Groups. A review of an adjacent county bulletin, *Geology and Ground-water Resources of Linn County, Kansas* - KGS Bulletin 193, *states that the most productive Pennsylvanian aquifers in Linn County are the thick limestone members of the Swope and Dennis Limestones. The combined thickness of these adjacent formations is great, and areally they directly underlie a considerable part of the county. The nearly flat and poorly drained surfaces directly underlain by these formations are well suited as recharge areas. The permeability of the thicker limestones is relatively high as a result of solution widening of joints and other rock openings. Water wells that penetrate these lower rocks of the Kansas City Group are normally successful; however, the yield of a well is dependent on the number and size of rock openings intersected in the limestones and on the thickness and permeability of the black shale members. For this reason larger-diameter wells generally yield larger quantities of water.*

The area of consideration is the extent of the bedrock aquifer in the two-mile circle, which was determined to be 8,042 acres. Based on a potential recharge of 6.2 inches, with 100% available for appropriation, safe yield was determined to be 4,155.88 acre-feet. There are no existing water rights within this area of consideration, leaving this entire quantity available for appropriation, and obviously the application meets safe yield criteria.

Please note that this safe yield value per K.A.R. 5-3-11 provides the maximum allowable recharge for the area of consideration. If there is a significant quantity of water still remaining as determined by K.A.R. 5-3-11, then even with a considerable reduction in the amount of recharge reaching the deeper aquifer there would still be sufficient water available. For this application the maximum recharge could be reduced to only 0.5 inches of recharge and there would still be sufficient water available.

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 chemicals will be injected into the water pumped under this permit, a check valve will also be required.

Katie Tietsort, Water Commissioner of the Topeka Field Office, recommended approval of the referenced application in a March 21, 2017 e-mail.

Based on the above discussion, the area is open to new appropriations, the point of diversion meets minimum well spacing criteria, the application complies with safe yield criteria, and approval will not impair senior water rights, it is recommended that the referenced application be approved.

Douglas W. Schemm
Environmental Scientist
Topeka Field Office

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

Kansas
Department of Agriculture
agriculture.ks.gov

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

Jackie McClaskey, Secretary

Governor Sam Brownback

March 29, 2017

FILE COPY

NATHAN LANGE
1226 EAST 85TH STREET NORTH
VALLEY CENTER KS 67147

Re: Appropriation of Water, File No. 49,622

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

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

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

Sincerely,

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

BAT:dws
Enclosures

pc: Topeka Field Office

THE STATE OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

APPROVAL OF APPLICATION
and
PERMIT TO PROCEED

(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, **File No. 49,622** of the applicant

NATHAN LANGE
1226 EAST 85TH STREET NORTH
VALLEY CENTER KS 67147

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

1. That the priority date assigned to such application is **April 20, 2016**.

2. That the water sought to be appropriated shall be used for irrigation use on land described in the application, as follows:

	NE¼				NW¼				SW¼				SE¼				TOTAL
Sec. Twp. Range	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
13 20S 20E									40		14	40	40	40	40	40	254
24 20S 20E	38	28															66

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 with a geographic center located in the Northwest Quarter of the Northeast Quarter of the Southwest Quarter (NW¼ NE¼ SW¼) of Section 13, more particularly described as being near a point 2,075 feet North and 3,605 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, Anderson County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **800 gallons per minute (1.78 c.f.s.)** and to a quantity not to exceed **320 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 all wells with a diversion rate of 100 gallons per minute or more drilled under the authority of this permit shall have a tube or other device installed in a manner acceptable to, and in accordance with specifications adopted by, the Chief Engineer. This tube or device shall be suitable for making water level measurements and shall be maintained in a condition satisfactory to the Chief Engineer.

13. That an acceptable water flow meter shall be installed and maintained on the diversion works authorized by this permit in accordance with Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. This water flow meter shall be used to provide an accurate quantity of water diverted as required for the annual water use report (including the meter reading at the beginning and end of the report year).

14. That the applicant shall maintain accurate and complete records from which the quantity of water diverted during each calendar year may be readily determined and the applicant shall file an annual water use report with the Chief Engineer by March 1 following the end of each calendar year. Failure to file the annual water use report by the due date shall cause the applicant to be subject to a civil penalty.

15. That no water user shall engage in nor allow the waste of any water diverted under the authority of this permit.

16. That failure without cause to comply with provisions of the permit and its terms, conditions and limitations will result in the forfeiture of the priority date, revocation of the permit and dismissal of the application.

17. That the right to appropriate water under authority of this permit is subject to any minimum desirable streamflow requirements identified and established pursuant to K.S.A. 82a-703c for the source of supply to which this water right applies.

18. That this permit is 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 24th day of March, 2017, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau, P.G.
Program Manager
Water Appropriation Program
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 24th day of March, 2017, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

DANIELLE WILSON
My Appointment Expires
August 23, 2020

Notary Public

CERTIFICATE OF SERVICE

On this 29th day of March, 2017, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,622, dated March 24, 2017 was mailed postage prepaid, first class, US mail to the following:

NATHAN LANGE
1226 EAST 85TH STREET NORTH
VALLEY CENTER KS 67147

With photocopies to:

Topeka Field Office

Danielle Wilson

Division of Water Resources

APPLICATION COMPLETE
3/21/2017
Reviewer DWS

THE STATE OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,622
This item to be completed by the Division of Water Resources.

WATER RESOURCES RECEIVED
APR 20 2016
9:02
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.)

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): NATHAN LANGE
   Address: 1226 EAST 85TH STREET NORTH
   City: VALLEY CENTER State KS Zip Code 67147
   Telephone Number: (316) 670-3562

2. The source of water is: ☐ surface water in _____ (stream)
   OR ☒ groundwater in POTTAWATOMIE CREEK Basin (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 **320** 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. 1 *GMD* 0 *Meets K.A.R. 5-3-1* (YES) / NO) *Use* IRR *Source* G / S *County* AN *By* AW *Date* 4/20/16
Code ~~REG~~ *Fee $* 300 *TR #* _____ *Receipt Date* 4/20/16 *Check #* 1145

DWR 1-100 (Revised 02/16/2011)

SCANNED
4/26/2016 LM

Per 3/21/17 phone call with applicants. Battery of 4 wells lined up NW to SE. DWS/DWR 3/21/17 File No. 49,622

Slight modification to Geo-Ctr.

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

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

(A) One in the NW quarter of the NE quarter of the SW quarter of Section 13, more particularly described as being near a point ~~1,987~~ 2075 feet North and ~~3,494~~ 3605 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, ANDERSON County, Kansas. (GEO-CTR)

(B) One in the NW quarter of the NE quarter of the SW quarter of Section 13, more particularly described as being near a point 2210 feet North and 3,770 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, AN County, Kansas. Batt 1 of 4

(C) One in the NW quarter of the NE quarter of the SW quarter of Section 13, more particularly described as being near a point 2150 feet North and 3690 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, AN County, Kansas. Batt 2 of 4

(D) One in the NW quarter of the NE quarter of the SW quarter of Section 13, more particularly described as being near a point 2020 feet North and 3530 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, AN County, Kansas. Batt 3 of 4

(E) One in the SW quarter of the NE quarter of the SW quarter of Section 13, more particularly described as being near a point 1920 feet North and 3430 feet West of the Southeast corner of said section, in Township 20 South, Range 20 East, AN County, Kansas. Batt 4 of 4

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 (¼) 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):

Applicant

(name, address and telephone number)

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

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

Executed on 4-18, 2016. _____

Applicant's Signature

7. The proposed project for diversion of water will consist of ~~ONE WELL OR~~ BATTERY OF 4 WELLS *

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

and WAS completed (by) SUMMER 2016

(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 SUMMER 2016.

(Mo/Day/Year)

File No. 49,622

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 _____

      GROUNDWATER WELLS

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 ½ 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 ½ mile, please advise us.

    None

    (c) If the application is for surface water, the names and addresses of the landowner(s) ½ mile downstream and ½ 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.

    Other pending applications to overlap in Place of Use. (Future Possibility)

WATER RESOURCES
RECEIVED
APR 20 2016
KS DEPT OF AGRICULTURE
SCANNED

File No. 49,622

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

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

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

14. The relationship of the applicant to the proposed place where the water will be used is that of OWNER.
(owner, tenant, agent or otherwise)

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

Applicant
(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 Topeka, Kansas, this 18 day of April (month), 2016 (year).

(Applicant Signature) — APPLICANT(S) SOCIAL SECURITY IDENTIFICATION NUMBER(S)

By
(Agent or Officer Signature) — and/or APPLICANT(S) TAXPAYER I.D. NO.(S)

(Agent or Officer - Please Print)

Assisted by DWS TOPEKA FO (office/title) Date: 4/18/2016

* Slight modification in acreage per applicant 3/21/17
DWS IDWR

IRRIGATION USE
SUPPLEMENTAL SHEET

File No. 49,622

Name of Applicant (Please Print): Nathan 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: NATHAN LANGE

ADDRESS: 1226 EAST 85TH STREET NORTH VALLEY CENTER, KS 67147

	S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
*	13	20	20E									40		14	40	40	40	40	40	~~252~~ 254
*	24	20	20E	38	28															~~64~~ 66

TOTAL = ~~316~~ 320 Acres

Landowner of Record NAME:

ADDRESS:

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

Landowner of Record NAME:

ADDRESS:

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

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

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

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

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

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

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

      _____ Center pivot _____ Center pivot - LEPA _____ "Big gun" sprinkler

      _____ Gravity system (furrows) _____ Gravity system (borders) _____ Sideroll sprinkler

      Other, please describe: _____

   d. System design features:

      i. Describe how you will control tailwater:

      ii. For sprinkler systems:

         (1) Estimate the operating pressure at the distribution system: _____ psi

         (2) What is the sprinkler package design rate? _____ gpm

         (3) What is the wetted diameter (twice the distance the sprinkler throws water) of a sprinkler on the outer 100 feet of the system? _____ feet

         (4) Please include a copy of the sprinkler package design information.

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

   f. Please describe how you will determine when to irrigate and how much water to apply (particularly important if you do not plan a full irrigation).

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

Schemm, Doug

From: Tietsort, Katie
Sent: Tuesday, March 21, 2017 2:43 PM
To: Schemm, Doug
Subject: RE: Nathan Lange 49,622

Doug,

Thanks for working up this application. I agree it meets the regulations. I wonder if Mr. Lange will get the production form the battery of wells to operate his irrigation system(s). We will see.

Thanks, Katie

Katie Tietsort

Kansas Department of Agriculture
6531 SE Forbes Ave Ste B
Topeka, KS 66619
katie.tietsort@ks.gov
Phone 785-296-5733

From: Schemm, Doug
Sent: Tuesday, March 21, 2017 2:10 PM
To: Tietsort, Katie <Katie.Tietsort@ks.gov>
Subject: Nathan Lange 49,622

No other wells within 2 mile circle.

49,622
meets safe yield

Analysis Results

The selected PD is in an area to new appropriations.
The safe yield, based on the variables listed below is 4,155.03 AF.
Total prior appropriation in the circle is 320.00 AF.
Total quantity of water available for appropriation is 3,835.03 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 6.2 inches.
The percent of recharge available for appropriation is 100%.

Authorized Quantity values are as of 17-MAY-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.

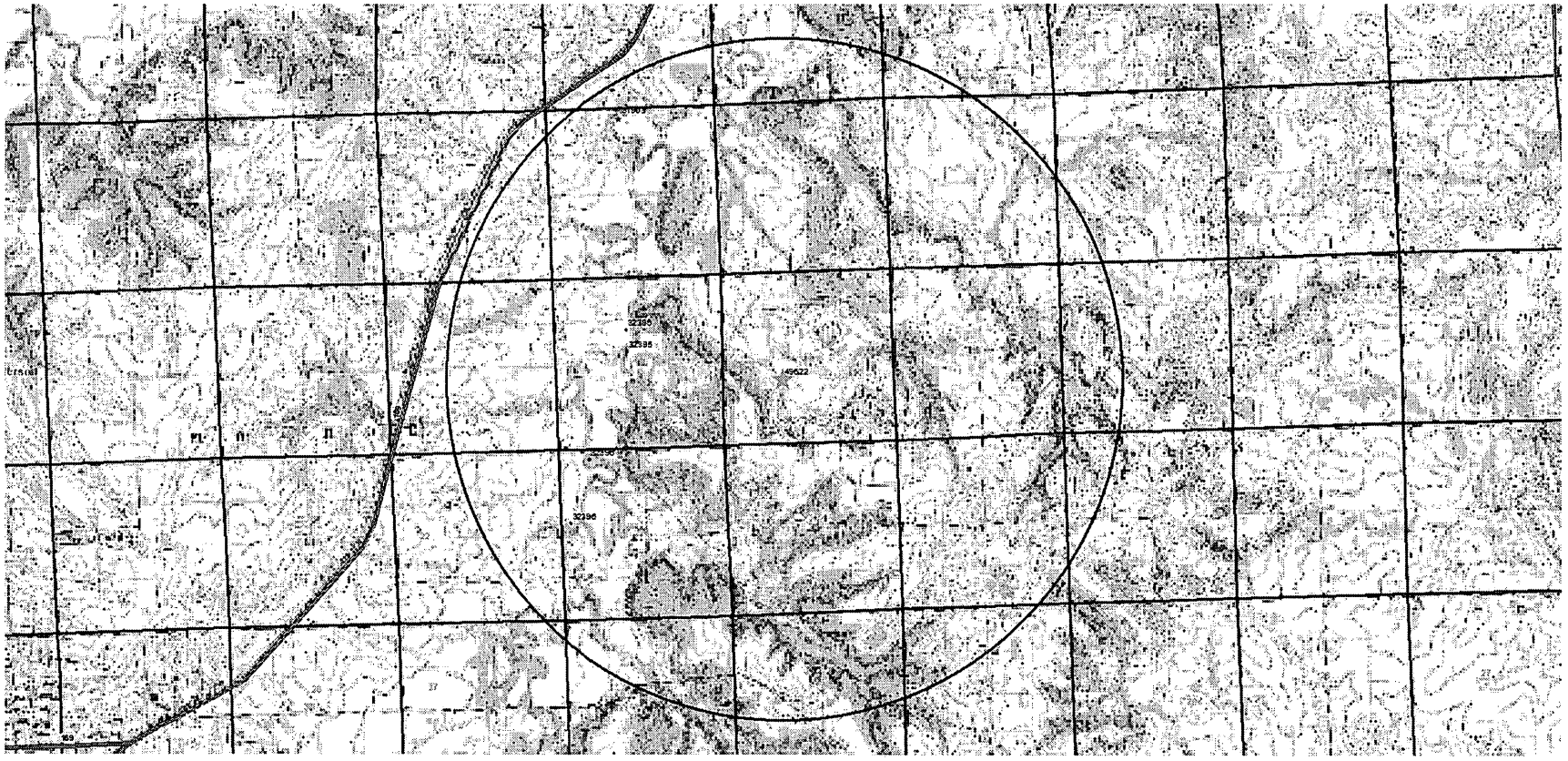
There are 1 water right(s) and 1 point(s) of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A 49622 00	IRR	AY	G		NW	NE	SW	1987	3494	13	20	20E	1	WR	320.00	320.00	316.00	316.00

- Pending

Safe Yield Report Sheet
Water Right- A4962200
Point of Diversion in SWNENW 13-20S-20E 1 (85238)

==========



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Report Date Tuesday, May 17 2016

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 49622 00

No other wells in 2 miles

##########

AMOUNT STATISTICS REPORT FOR POINTS OF DIVERSION UNDER A 49622 00 IRR

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

1987 Feet North and 3494 Feet West of the Southeast Corner of Section 13 T 20S R 20E

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__ 49622 00	IRR	AY	G	0 --	NW	NE	SW		1987	3494	13	20	20E	1		320.00	320.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	320.00	.00
Total Permitted Amount (AF) =	.00	.00
Total Inspected Amount (AF) =	.00	.00
Total Pro_Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	.00	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	320.00	.00

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

An * after the ID indicates a 15 AF exemption was granted under 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:

1987 Feet North and 3494 Feet West of the Southeast Corner of Section 13 T 20S R 20E

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

File Number	Use	ST	SR
A__ 49622 00	IRR	AY	G

> NATHAN LANGE
>
> 1226 EAST 85TH STREET NORTH
> VALLEY CENTER KS 67147
>----------

##########

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

1 LOCATION OF WATER WELL: County: Anderson | Fraction: ¼ ¼ ¼ | Section Number: 18 | Township Number: T 20 (S) | Range Number: R 21 (E/W)

Distance and direction from nearest town or city street address of well if located within city?
S. of Greeley - 6 mi. 30886 NE 2000 Rd.

2 WATER WELL OWNER: Francis & Connie Whitman
RR#, St. Address, Box # : 3262 Butler Rd.
City, State, ZIP Code : Richmond, Ks. 66080
Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N, NW, NE, W, E, SW, SE, S; 1 Mile

4 DEPTH OF COMPLETED WELL 170 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 82 ft. 2. 102 ft. 3. 165 ft.
WELL'S STATIC WATER LEVEL 50 ft. below land surface measured on mo/day/yr
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 3 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 10 in. to ft., and in. to ft.
WELL WATER TO BE USED AS: (1) Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No ✓; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes ✓ No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile; (2) PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass
CASING JOINTS: Glued Clamped Welded Threaded
Blank casing diameter 5 ½ in. to 170 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 18 in., weight Sch. 40 lbs./ft. Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL: (2) PVC 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3) Mill slot 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 150 ft. to 140 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 30 ft. to 170 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	28	Clay			
28	58	Shale			
58	60	Limestone			
60	78	Shale			
78	102	Limestone			
102	103	Slate			
103	106	Limestone			
106	107	Coal			
107	113	Shale			
113	118	Broken Hard Shale			
118	122	Limestone			
122	140	Shale			
140	142	Slate			
142	162	Shale			
162	170	Limestone - Blue Gray - Water			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 3/14/00 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 595 This Water Well Record was completed on (mo/day/yr) 4/7/00 under the business name of Jesse Yoakum Well Drilling by (signature) Jesse Yoakum

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

Kansas Geological Survey
Comments to webadmin@kgs.ku.edu
URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
Display Programs Updated July 2, 2014
Data added continuously.

KGS Hydrology | Water Well Database Query

Scan of WWC5 Form

CORRECTION TO WATER WELL RECORD (WWC-5)

The following correction(s) was made to the attached WWC-5 log, in order to file the item or to rectify lacking or incorrect information.

Fraction (1/4 1/4 1/4) Section-Township-Range changed:

listed as 18-20S-21E

changed to NE NW NE, 18-20S-21E

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Legal & written description, position on plat map, and Garnett East & Garnett SE 1:24,000 topo maps initials: DRL date: 7/19/2000

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment Bureau of Water Industrial Programs, Bldg 283, Forbes Field, KS 66620

KGS Hydrology | Water Well Database Query

Scan of WWC5 Form

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

1 LOCATION OF WATER WELL: County: Anderson | Fraction: SE ¼ NE ¼ NE ¼ | Section Number: 18 | Township Number: T 20 S | Range Number: R 21 (E)W

Distance and direction from nearest town or city street address of well if located within city?
3.2 South of Greeley Ks.

2 WATER WELL OWNER: Frank Wittman
RR#, St. Address, Box #: 3262 Butler Road
City, State, ZIP Code: Richmond Ks. 66080
Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N / NW / NE (X) / W / E / SW / SE / S / 1 Mile

4 DEPTH OF COMPLETED WELL 100 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 None ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL None ft. below land surface measured on mo/day/yr 6-7-99
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 0 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 5½ in. to ft., and in. to ft.
WELL WATER TO BE USED AS: (1) Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: (1) Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded Threaded
Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout (3) Bentonite 4 Other
Grout Intervals: From 100 ft. to 0 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination: None
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	22	Soil & Clay	100	0	Bentonite
22	81	Shale			
81	100	Limestone			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 6-7-99 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 561 This Water Well Record was completed on (mo/day/yr) 6-8-99 under the business name of Evans Energy Dev. Inc. by (signature)

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

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

Kansas Geological Survey
Comments to webadmin@kgs.ku.edu

URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
Display Programs Updated July 2, 2014
Data added continuously.

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

WATER WELL RECORD
KSA 82a-1201-1215

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

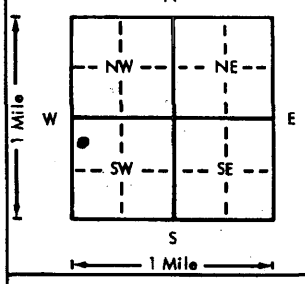
1. Location of well:	County	Fraction	Section number	Township number	Range number
	ANDERSON	1/4 NW 1/4 SW 1/4	20	T 20 S	R 20 E W

2. Distance and direction from nearest town or city:

Street address of well location if in city:

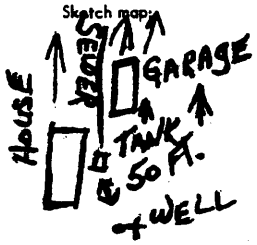
3. Owner of well: D.S THOMAS
R.R. or street: R.R. 1
City, state, zip code: GARNETT, KANSAS 66032

4. Locate with "X" in section below:



COUNTY ROAD

Sketch map:



1 ACRE LOT

6. Bore hole dia. 6 3/4 in. Completion date 10/16/76
Well depth 275 ft.

7. X Cable tool ___ Rotary ___ Driven ___ Dug
___ Hollow rod ___ Jetted ___ Bored ___ Reverse rotary

8. Use: X Domestic ___ Public supply ___ Industry
___ Irrigation ___ Air conditioning ___ Stock
___ Lawn ___ Oil field water ___ Other

9. Casing: Material STEEL Height: Above or below
Threaded ___ Welded ___ Surface 18" in.
RMP ___ PVC ___ Weight ___ lbs./ft.
Dia. ___ in. to ___ ft. depth Wall Thickness: inches or
Dia. ___ in. to ___ ft. depth gage No. ___

10. Screen: Manufacturer's name USED STEEL
Type NONE Dia. ___
Slot/gauze ___ Length ___
Set between ___ ft. and ___ ft.
___ ft. and ___ ft.
Gravel pack? NONE Size range of material ___

11. Static water level: mo./day/yr.
___ ft. below land surface Date ___

12. Pumping level below land surfaces: NONE
___ ft. after ___ hrs. pumping ___ g.p.m.
___ ft. after ___ hrs. pumping ___ g.p.m.
Estimated maximum yield ___ g.p.m.

13. Water sample submitted: mo./day/yr.
___ Yes ___ No Date NONE

14. Well head completion:
___ Pitless adapter 18" Inches above grade

15. Well grouted? NO
With: ___ Neat cement ___ Bentonite ___ Concrete
Depth: From ___ ft. to ___ ft.

16. Nearest source of possible contamination: SEPTIC
ft. 50 Direction NORTH Type TANK
Well disinfected upon completion? ___ Yes X No

17. Pump: X Not installed
Manufacturer's name NONE
Model number ___ HP ___ Volts ___
Length of drop pipe ___ ft. capacity ___ g.p.m.
Type:
___ Submersible ___ Turbine
___ Jet ___ Reciprocating
___ Centrifugal ___ Other

5. Type and color of material		From	To
Sil + Yellow Clay	8	0	8
Blue lime layers	32	8	40
Gray Shale	15	40	55
Blue Sand	40	55	95
Gray Sand	20	95	115
Sandy Gray shale	35	115	150
Blue Sandy Shale	70	150	220
Blue lime	18	220	238
White lime	22	238	260
Dark Gray Shale	7	260	267
Blue Sand	7	267	275
Trace of Coal or Slate		275	

(Use a second sheet if needed)

18. Elevation:

Topography:
___ Hill
X Slope
___ Upland
___ Valley

19. Remarks: NO CURB IN PLACE THAT TIME AS HOLE DOESNT MAKE ENOUGH WATER TO PAY FOR MATERIALS.

20. Water well contractor's certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. License No. 107
Business name Swank water well drilling
Address RR1 Princeton KANSAS
Signed George A Swank Date 10/16/76
Authorized representative

T R W Sec 1/4 1/4 1/4

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

Form WWC-5

MI-1023

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

WATER RESOURCES
RECEIVED

APR 20 2016

KS DEPT OF AGRICULTURE

SCANNED

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

Kansas
Department of Agriculture

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

April 20, 2016

NATHAN LANGE
1226 EAST 85TH ST N
VALLEY CENTER KS 67147

RE: Application
File No. 49622

Dear Sir or Madam:

Your application for permit to appropriate water in 13-20S-20E in Anderson County, was received and has been assigned the file number noted above.

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

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

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

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

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

If you have any questions, please contact me at (785) 564-6645. If you wish to discuss a specific file, please have the file number ready so that we may help you more efficiently.

Sincerely,

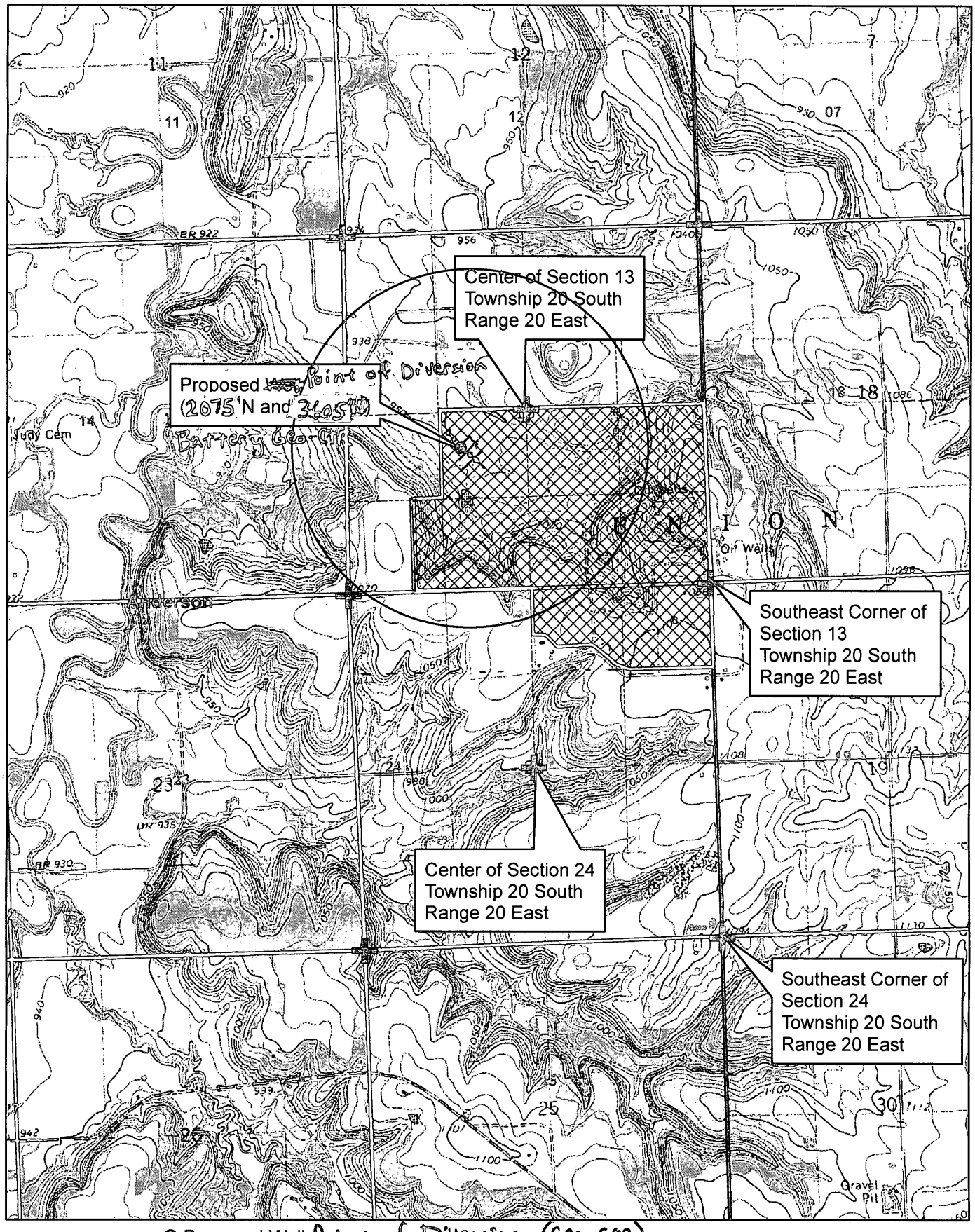
Brent A. Turney

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

KAK: DLW
pc: TOPEKAField Office
GMD

SCANNED

NATHAN LANGE APPLICATION, FILE NO. 49,622
Secs. 13 and 24, T20S, R20E



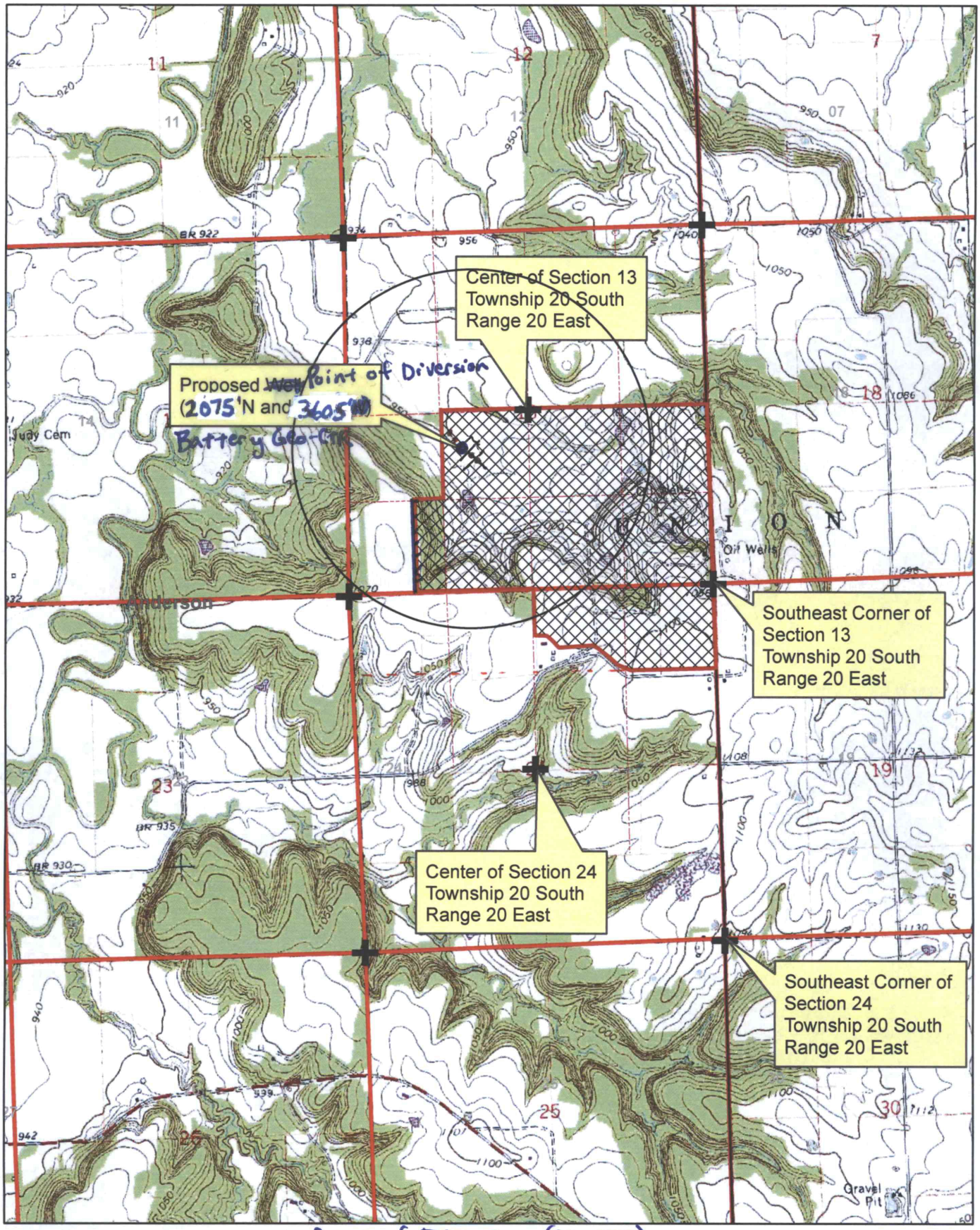
1:24,000

O Proposed ~~Well~~ Point of Diversion (Geo-Cir)
(2075'N & 3,605'W)

Proposed Place of Use

There are no wells of any kind within 1/2 mile of the proposed well.

NATHAN LANGE APPLICATION, FILE NO. 49,622
Secs. 13 and 24, T20S, R20E



1:24,000

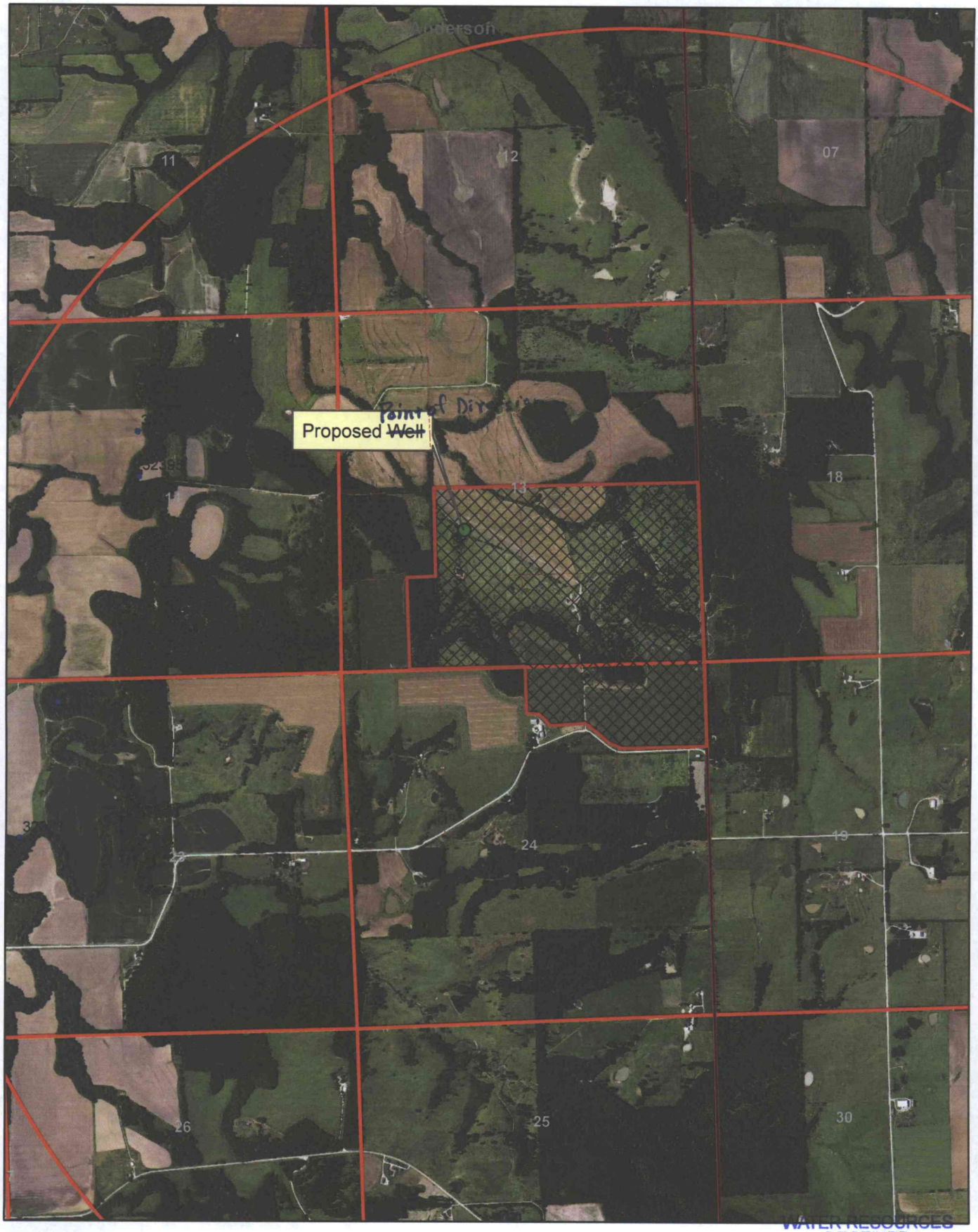
● Proposed ~~Well~~ Point of Diversion (Geo-Ctr)
(2075'N & 3,605'W)

Proposed Place of Use

There are no wells of any kind within 1/2 mile of the proposed well.

49,622

NATHAN LANGE
Secs. 13 and 24, T20S, R20E



1:24,000

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