

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

1. File Number: <p style="text-align: center;">49,689</p>	2. Status Change Date: <p style="text-align: center;"><i>1/17/2018</i></p>	3. Field Office: <p style="text-align: center;">02</p>	4. GMD:
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

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

7a. Applicant(s) Person ID 7209
New to system Add Seq# _____

**ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060**

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

7A

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

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: 12/31/2019 11. Perfection Date: 12/31/2023 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: 12/31/2019 Date WLMD Installed: _____

Date Prepared: **12/22/17** By: **MJM**
Date Entered: *1/17/2018* By: *LLH*

File No. **49,689** 15. Formation Code: **100** Drainage Basin: **Ninnescah River** County: **SG** Special Use: Stream:

16. Points of Diversion

MOD DEL ENT	PDIV Qualifier	S	T	R	ID	'N	'W
MOD 85548	SWSENE	4	29S	1W	7	3300	1172 Geo-Cent
MOD 85549	NESWNE	4	29S	1W	8	3500	1372 Bat 1 of 4
MOD 85550	NWSENE	4	29S	1W	9	3500	972 Bat 2 of 4
MOD 85551	SESWNE	4	29S	1W	10	3100	1372 Bat 3 of 4
MOD 85552	SWSENE	4	29S	1W	11	3100	972 Bat 4 of 4

17. Rate and Quantity

Authorized		Additional		Overlap PD Files
Rate gpm	Quantity af	Rate gpm	Quantity af	
800	198.8	800	198.8	None

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

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

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

21. Place of Use

MOD DEL ENT	PUSE	S	T	R	ID	NE¼				NW¼				SW¼				SE¼				Total	Owner	Chg? NO	Overlap Files
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼				
MOD	64578	3	29S	1W	1					36.16	38	40	38							152.16	7b.		None		

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: December 22, 2017

FROM: Matt Meier

RE: Application, File No. 49,689

Robert D. Hay Trust has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 198.8 acre-feet, and a diversion rate of 800 gallons per minute. The Geo-Center is to be located in the Southwest Quarter of the Southeast Quarter of the Northeast Quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 4, more particularly described as being near a point 3,300 feet North and 1,172 feet West of the Southeast corner of said section, in Township 29 South, Range 1 West, Sedgwick County, within the Ninnescah River drainage basin. There are no other water rights overlapping the proposed place of use or point of diversion. The proposed place of use is owned by the Robert D Hay Trust. The applicant has signed the application form stating that he has legal access to the point of diversion.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, Division of Water Resources (DWR) suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state, and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,714.18 acre-feet. Existing water rights have appropriated 2,572.98 acre-feet, providing a difference of 241.2 acre-feet available for appropriation, and the application requesting 198.8 acre-feet complies with safe yield.

Well logs (3 of which are included with the application and surround the pending application) in the area show a mixture of clay and sand layers to roughly 130 feet (although shale was not encountered in any of the well logs). The static water level in the area averaged 42.5 feet which provides a saturated thickness of approximately 87.5 feet. Due to the large number of surrounding well logs and fact this was a follow up application to another which had previously been denied, it was decided to allow the application to be processed without a test hole log.

The requested quantity of water, 198.8 acre-feet, is to irrigate the proposed 152.16 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sedgwick County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run as well as mailing out nearby notification letters. The last public notice was published on October 26, 2017 and nearby notification letters were sent out on October 24, 2017. Phone calls were received from Florence Burgkamp, Darwin League (called multiple times), Sherly Glessen (called multiple times), Charles Brantley (called multiple times), Charles, Clay, Donna Hibbits, and Evelin Clark. The calls were to express concerns about the application, obtain more information, and the majority were against the approval of the application. Letters and petitions were received from Charles Brantley, Shirley N Gleason, Darwin & Valere League, Charles & Sheryl Caylor, Margaret Ball, Kenneth & Susan Bishop, Wesley & Elizabeth Wilson, Donna & Robert Gibbits, and Mr. & Mrs. Max C stating they were against the approval of the application. According to the WRIS database, the nearest non-domestic point of diversion (File No. 36,719) is located 1625 feet away. Based on the site map nearest domestic well is approximately 900 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 application is located approximately 1 mile (roughly 0.9 Miles) from of a known contaminant plume that had previously affected the processing of other applications in the area. Based on how the other applications were processed, the application is located further than the previous denial extent from the contaminant plume. The KDHE was contacted to see if any additional studies had been done since the other applications were processed. No further work had been done in the area. A representative of the applicant (Jeff Geifer representing Bob Hay) also called in to say that the applicant had been in touch with Oxy Chemical (David Anderson) regarding the application and they felt it would not affect Oxy's remediation work in the area. The applicant is working with Oxy to approve another application (File No. 47,554) which is located less than ½ mile from the contaminant plume. As there is no new data for the area and the application is located further than the previous denial extent, it was decided to continue processing the application using normal procedures.

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 referenced application on December 22, 2017. Based on the above discussion, well spacing and safe yield criteria are met, and approval of the application will not impair senior water rights nor prejudicially or unreasonably affect the public interest, it is recommended that the referenced application be approved.

Matthew J. Meier
Environmental Scientist
Water Appropriations 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

January 17, 2018

ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060

RE: Application, File No. 49,689

Dear Water User:

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,

A handwritten signature in black ink that reads "Kristen A. Baum".

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

Enclosures

pc: Stafford Field Office



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
and
PERMIT TO PROCEED**
(This Is Not a Certificate of Appropriation)

This is to certify that I have examined Application, **File No. 49,689** of the applicant

**ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060**

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 **August 15, 2016**.

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

Sec.	Twp.	Range	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
3	29S	1W					36.16	38	40	38									152.16

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 Southeast Quarter of the Northeast Quarter (SW¼ SE¼ NE¼) of Section 4, more particularly described as being near a point 3,300 feet North and 1,172 feet West of the Southeast corner of said section, in Township 29 South, Range 1 West, Sedgwick County, located substantially as shown on the 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 **198.8 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2019** 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, 2023** or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee 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.

CERTIFICATE OF SERVICE

On this 17th day of January, 2018, I hereby certify that the foregoing Approval of Application and Permit to Proceed, File No. 49,689, dated January 17, 2018 was mailed postage prepaid, first class, US mail to the following:

ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060

With photocopies to:

Stafford Field Office



Division of Water Resources

APPLICATION COMPLETE
8/15/16

Reviewer NJM/SFP
12-22-17
KAB/DWR

THE STATE OF KANSAS



Robert D Hay
10-9-17

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,689
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE

AUG 15 2016

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

12:52
KS DEPT OF AGRICULTURE

To the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture,
1320 Research Park Drive, Manhattan, Kansas 66502:

1. Name of Applicant (Please Print): Robert D Hay Trust
Address: 9171 S West St.
City: Haysville State KS Zip Code 67060
Telephone Number: (316) 522-1670

2. The source of water is: surface water in _____ (stream)
OR groundwater in Ninnescah River (drainage basin)

Certain streams in Kansas have minimum target flows established by law or may be subject to administration when water is released from storage for use by water assurance district members. If your application is subject to these regulations on the date we receive your application, you will be sent the appropriate form to complete and return to the Division of Water Resources.

3. The maximum quantity of water desired is 201.5 ^{198.8} acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 gallons per minute OR _____ cubic feet per second.

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

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

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

For Office Use Only:
F.O. 2 GMD Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source (G)S County 56 By AW Date 8/15/16
Code 202 Fee \$ 200 TR# _____ Receipt Date 8/15/16 Check # 10453

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OCT 12 2017

8/18/2016 ULM

Robert D Hay
10-9-17

File No. 49,689

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-Center
3300' N
~~990' W~~
1172' W
SW 1/4 NE

- (A) One in the ~~NW~~ NE quarter of the ~~SE~~ SW quarter of the NE quarter of Section 4, more particularly described as being near a point 3500 feet North and 1190¹³⁷² feet West of the Southeast corner of said section, in Township 29 South, Range 1 East West (circle one), Sedgwick County, Kansas.
- (B) One in the NW quarter of the SE quarter of the NE quarter of Section 4, more particularly described as being near a point 3500 feet North and 770⁹⁷² feet West of the Southeast corner of said section, in Township 29 South, Range 1 East West (circle one), Sedgwick County, Kansas.
- (C) One in the ~~SW~~ SE quarter of the ~~SE~~ SW quarter of the NE quarter of Section 4, more particularly described as being near a point 3100 feet North and 1190¹³⁷² feet West of the Southeast corner of said section, in Township 29 South, Range 1 East West (circle one), Sedgwick County, Kansas.
- (D) One in the SW quarter of the SE quarter of the NE quarter of Section 4, more particularly described as being near a point 3100 feet North and 972 feet West of the Southeast corner of said section, in Township 29 South, Range 1 East West (circle one), Sedgwick County, Kansas.

If the source of supply is groundwater, a separate application shall be filed for each proposed well or battery of wells, except that a single application may include up to four wells within a circle with a quarter (1/4) mile radius in the same local source of supply which do not exceed a maximum diversion rate of 20 gallons per minute per well.

A battery of wells is defined as two or more wells connected to a common pump by a manifold; or not more than four wells in the same local source of supply within a 300 foot radius circle which are being operated by pumps not to exceed a total maximum diversion rate of 800 gallons per minute and which supply water to a common distribution system.

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

Robert D Hay 9171 S West St. Haysville, KS 67060 (316) 522-1670 or
(name, address and telephone number) (316) 734-8277

(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 8-9, 2016. Robert D Hay
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 Battery of 4 wells
(number of wells, pumps or dams, etc.)
and (was)(will be) completed (by) _____
(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 _____
(Mo/Day/Year)

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WATER RESOURCES
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OCT 12 2017

AUG 15 2016

9. Will pesticide, fertilizer, or other foreign substance be injected into the water pumped from the diversion works?
 Yes No If "yes", a check valve shall be required.

All chemigation safety requirements must be met including a chemigation permit and reporting requirements.

10. If you are planning to impound water, please contact the Division of Water Resources for assistance, prior to submitting the application. Please attach a reservoir area capacity table and inform us of the total acres of surface drainage area above the reservoir.

Have you also made an application for a permit for construction of this dam and reservoir with the Division of Water Resources? Yes No

- If yes, show the Water Structures permit number here _____
- If no, explain here why a Water Structures permit is not required _____

11. The application must be supplemented by a U.S.G.S. topographic map, aerial photograph or a detailed plat showing the following information. On the topographic map, aerial photograph, or plat, identify the center of the section, the section lines or the section corners and show the appropriate section, township and range numbers. Also, please show the following information:

- (a) The location of the proposed point(s) of diversion (wells, stream-bank installations, dams, or other diversion works) should be plotted as described in Paragraph No. 5 of the application, showing the North-South distance and the East-West distance from a section line or southeast corner of section.
- (b) If the application is for groundwater, please show the location of any existing water wells of any kind within 1/2 mile of the proposed well or wells. Identify each existing well as to its use and furnish the name and mailing address of the property owner or owners. If there are no wells within 1/2 mile, please advise us.
- (c) If the application is for surface water, the names and addresses of the landowner(s) 1/2 mile downstream and 1/2 mile upstream from your property lines must be shown.
- (d) The location of the proposed place of use should be shown by crosshatching on the topographic map, aerial photograph or plat.
- (e) Show the location of the pipelines, canals, reservoirs or other facilities for conveying water from the point of diversion to the place of use.

A 7.5 minute U.S.G.S. topographic map may be obtained by providing the section, township and range numbers to: Kansas Geological Survey, 1930 Constant, Campus West, University of Kansas, Lawrence, Kansas 66047.

12. List any application, appropriation of water, water right, or vested right file number that covers the same diversion points or any of the same place of use described in this application. Also list any other recent modifications made to existing permits or water rights in conjunction with the filing of this application.

~~Application # 48622~~

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OCT 12 2017

Stafford Field Office
Division of Water Resources

WATER RESOURCES
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AUG 15 2016

KS DEPT OF AGRICULTURE

SCANNED

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

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

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

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

Owner
(owner, tenant, agent or otherwise)

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

(name, address and telephone number)

(name, address and telephone number)

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

Dated at Haysville, Kansas, this 9th day of August, 2016.
(month) (year)

Robert Olney
(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by _____ Date: _____
(office/title)

RECEIVED

OCT 12 2017

Stafford Field Office
Division of Water Resources

SCANNED

WATER RESOURCES
RECEIVED

AUG 15 2016

KS DEPT OF AGRICULTURE

**IRRIGATION USE
SUPPLEMENTAL SHEET**

File No. 49,609

Name of Applicant (Please Print): Robert D Hay Trust

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: Robert D Hay Trust Robert D Hay
 ADDRESS: 9171 S West St, Haysville, KS 67060 10-9-17

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
3	29S	1W					85	40	40	40									755
							36.6	38	40	38									152.6

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	

RECEIVED

WATER RESOURCES
RECEIVED

OCT 12 2017

AUG 15 2016

SCANNED

Water Rights and Points of Diversion Within 2.00 miles of point defined as:
 3300 ft N and 1172 ft W of the SE Corner of Section 4, T 29S, R 1W
 Located at: 97.428741 West Longitude and 37.558227 North Latitude
 GROUNDWATER ONLY

~~149689~~
 #149689

meets
 spacing

File Number	Use	ST	SR	Dist (ft)	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Batt	Auth_Quan	Add_Quan	Unit
A__ 8936 00	IND	NK	G	10027	--	NW	NW	SW	2550	5100	27	28	1W	2		104.96	104.96	AF
Same				8089	--	SW	SE	SW	100	3350	27	28	1W	4		101.58	101.58	AF
Same				8353	--	SE	SE	SW	150	2800	27	28	1W	5		103.12	103.12	AF
Same				7800	--	SE	SW	SW	50	4080	27	28	1W	7		80.71	80.71	AF
Same				7586	--	SW	SW	SW	25	4850	27	28	1W	8		101.58	101.58	AF
Same				7884	--	SW	SW	SW	375	5100	27	28	1W	9		120.91	120.91	AF
Same				7306	--	NW	NW	NE	5148	2522	33	28	1W	6		331.44	331.44	AF
A__ 26762 00	IRR	NK	G	7991	--	--	NC	SW	1280	3960	2	29	1W	1		156.00	156.00	AF
A__ 34384 00	IND	NK	G	4874	--	SW	SW	NE	2648	2505	33	28	1W	3		80.71	80.71	AF
A__ 36719 00	IRR	NK	G	1625	--	--	NC	NE	4780	510	4	29	1W	1		203.00	203.00	AF
A__ 37765 00	IRR	NK	G	8119	--	NW	SE	NW	3919	3648	2	29	1W	11		120.00	120.00	AF
A__ 37939 00	IRR	NK	G	10499	--	SE	SW	NW	2660	4070	28	28	1W	3		120.00	120.00	AF
A__ 38491 00	IND	NK	G	4874	--	SW	SW	NE	2648	2505	33	28	1W	3		183.21	176.33	AF
A__ 39797 00	IND	LR	G	8364	--	SW	SW	SW	70	4808	28	28	1W	6		363.66	114.61	AF
A__ 41410 00	IRR	NK	G	3599	--	NE	NW	NE	5028	1885	9	29	1W	2		132.00	132.00	AF
A__ 41458 00	IRR	NK	G	3443	--	--	NC	SW	1268	3952	4	29	1W	2 G 4		197.00	197.00	AF
Same				3689	NC	E2	W2	SW	1269	4251	4	29	1W	3 B 4				
Same				3551	--	--	NC	SW	1269	4085	4	29	1W	4 B 4				
Same				3434	--	--	NC	SW	1248	3926	4	29	1W	5 B 4				
Same				3194	NC	W2	E2	SW	1288	3653	4	29	1W	6 B 4				
A__ 41472 00	IRR	NK	G	5358	--	--	NC	NW	3875	3838	9	29	1W	3		51.00	.00	AF
A__ 46593 00	IRR	KE	G	7558	--	SE	SW	NE	2665	1745	10	29	1W	2 G 4		169.00	169.00	AF
Same				7573	--	SE	SW	NE	2645	1745	10	29	1W	4 B 4				
Same				7542	--	SE	SW	NE	2685	1745	10	29	1W	5 B 4				
Same				7570	--	SE	SW	NE	2665	1725	10	29	1W	6 B 4				
Same				7545	--	SE	SW	NE	2665	1765	10	29	1W	7 B 4				
A__ 47513 00	IRR	GY	G	5169	--	SW	NE	NW	4100	3840	10	29	1W	3		60.03	60.03	AF
A__ 49689 00	IRR	AY	G	182	--	NW	SE	NE	3300	990	4	29	1W	7 G 4		201.50	201.50	AF
Same				201	--	NW	SE	NE	3500	1190	4	29	1W	8 B 4				
Same				431	--	NW	SE	NE	3500	790	4	29	1W	9 B 4				
Same				201	--	SW	SE	NE	3100	1190	4	29	1W	10 B 4				
Same				676	--	SW	SE	NE	3960	1320	4	29	1W	11 B 4				
A__ 49746 00	IND	AY	G	4874	--	SW	SW	NE	2648	2505	33	28	1W	3		257.04	257.04	AF
T__ 949088 00	CON	KE	G	7900	--	SW	SW	SW	403	5171	27	28	1W	1		241.98	241.98	AF
T__ 949112 00	CON	KE	G	7588	--	SW	SW	SW	50	4966	27	28	1W	11 G 2		257.97	257.97	AF
Same				7579	--	SW	SW	SW	50	5016	27	28	1W	13 B 2				
Same				7598	--	SW	SW	SW	50	4916	27	28	1W	14 B 2				
T__ 20039023 00	CON	GY	G	9227	--	NE	SE	SW	1084	2731	27	28	1W	16		242.00	242.00	AF
T__ 20109118 00	CON	GY	G	8278	--	SE	SE	SW	180	3029	27	28	1W	18		97.00	97.00	AF
T__ 20109127 00	CON	GY	G	8018	--	SW	NE	NE	4093	1316	34	28	1W	2		193.50	193.50	AF
T__ 20109128 00	CON	GY	G	7054	--	SW	SE	NE	2693	1234	34	28	1W	3		193.50	193.50	AF
T__ 20119841 00	CON	GY	G	7779	--	SE	SE	SW	52	4131	27	28	1W	19		161.00	161.00	AF
T__ 20129457 00	CON	GY	G	9801	--	SE	SE	SE	112	55	27	28	1W	15		242.00	242.00	AF
T__ 20139042 00	CON	GY	G	7727	--	SE	SE	NE	2692	347	34	28	1W	4		322.00	322.00	AF
T__ 20139043 00	CON	GY	G	10384	--	NW	NE	NW	4627	3809	35	28	1W	8		322.00	322.00	AF

Total Net Quantities Authorized:	Direct	Storage
Total Requested Amount (AF) =	458.54	.00
Total Permitted Amount (AF) =	2501.98	.00
Total Inspected Amount (AF) =	114.61	.00
Total Prod Cert Amount (AF) =	.00	.00
Total Certified Amount (AF) =	2129.34	.00
Total Vested Amount (AF) =	.00	.00
TOTAL AMOUNT (AF) =	5204.46	.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:

97.428741 West Longitude and 37.558227 North Latitude

GROUNDWATER ONLY

WATER USE CORRESPONDENTS:

 File Number Use ST SR
 A__ 8936 00 IND NK G
 > OCCIDENTAL CHEMICAL CORPORATION
 > MIKE E GANNAWAY
 > PO BOX 12283
 > WICHITA KS 67277

A__ 26762 00 IRR NK G
 > DAVID DEJMAL
 >
 > 5707 W 42ND SOUTH
 > WICHITA KS 67215

A__ 34384 00 IND NK G
 > EVONIK CORPORATION
 > ROSS M HUFFORD III
 > PO BOX 12291
 > WICHITA KS 67277

A__ 36719 00 IRR NK G
 > ROBERT D HAY TRUST
 >
 > 9171 S WEST ST
 > HAYSVILLE KS 67060

A__ 37765 00 IRR NK G
 > ROBERT D HAY TRUST
 >
 > 9171 S WEST ST
 > HAYSVILLE KS 67060

A__ 37939 00 IRR NK G
 > THOMAS G & FLORENCE A BERGKAMP
 >

~~#49689~~
#49689

> 8231 W 55TH ST S
> CLEARWATER KS 67026

A__ 38491 00 IND NK G
> EVONIK CORPORATION
> ROSS M HUFFORD III
> PO BOX 12291
> WICHITA KS 67277

A__ 39797 00 IND LR G
> EVONIK CORPORATION
> ROSS M HUFFORD III
> PO BOX 12291
> WICHITA KS 67277

A__ 41410 00 IRR NK G
> CARL T JAAX REVOCABLE TRUST
>
> 10735 W HARVEST CT
> WICHITA KS 67212

A__ 41458 00 IRR NK G
> JOHN E DUGAN FAMILY PARTNERSHIP LP
>
> 15810 W 47TH ST SOUTH
> CLEARWATER KS 67026

A__ 41472 00 IRR NK G
> CARL T JAAX REVOCABLE TRUST
>
> 10735 W HARVEST CT
> WICHITA KS 67212

A__ 46593 00 IRR KE G
> ROBERT D HAY TRUST
>
> 9171 S WEST ST
> HAYSVILLE KS 67060

A__ 47513 00 IRR GY G
> ROBERT D HAY TRUST
>
> 9171 S WEST ST
> HAYSVILLE KS 67060

A__ 49689 00 IRR AY G
> ROBERT D HAY TRUST
>
> 9171 S WEST ST
> HAYSVILLE KS 67060

A__ 49746 00 IND AY G

> EVONIK CORPORATION
> ROSS M HUFFORD III
> PO BOX 12291
> WICHITA KS 67277

T__ 949088 00 CON KE G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 949112 00 CON KE G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20039023 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20109118 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20109127 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20109128 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20119841 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

T__ 20129457 00 CON GY G

> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

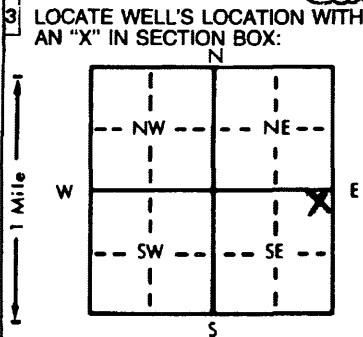
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T_20139042 00 CON GY G
> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277

>-----
T_20139043 00 CON GY G
> OCCIDENTAL CHEMICAL CORPORATION
> MIKE E GANNAWAY
> PO BOX 12283
> WICHITA KS 67277
>-----
=====

1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 SE 1/4 Section Number 4 Township Number T 29 S Range Number R 1 E 12
 County: Sedgewick
 Distance and direction from nearest town or city street address of well if located within city?
1/2 mile South on Ridg Rd at 7th Street South

2 WATER WELL OWNER: Dawn League
 RR#, St. Address, Box #: 2+1 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Chapman, Kansas Application Number:



4 DEPTH OF COMPLETED WELL: 110 ft. ELEVATION: ft.
 Depth(s) Groundwater Encountered 1. 45 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 45 ft. below land surface measured on mo/day/yr 6-6-84
 Pump test data: Well water was 50 ft. after 1/2 hours pumping 30 gpm
 Est. Yield 30 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 11 in. to 110 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 HMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 5 in. to 90 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: 10 in., weight 1.59 lbs./ft. Wall thickness or gauge No. 302-26
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 HMP (SR) 10 Asbestos-cement 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 90 ft. to 110 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 16 ft. to 110 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 6 ft. to 16 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage
 Direction from well? West How many feet? 80

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Top Soil			
3	9	Clay			
9	23	Sand			
23	55	Clay			
55	60	Fine Sand			
60	93	Gray Clay			
93	110	Medium Sand			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 6-6-84 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 318 This Water Well Record was completed on (mo/day/yr) 6-27-84 under the business name of Wesinger Drilling & Inc. by (signature) [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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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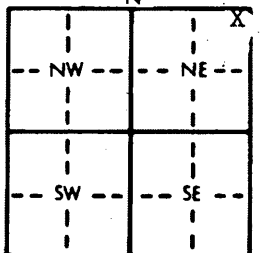
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WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NE 1/4 Section Number 4 Township Number T 29 S Range Number R 1 W E/W
 County: Sedgwick

Distance and direction from nearest town or city street address of well if located within city?
 71st St. So. & Ridge Rd. Wichita, Ks.

2 WATER WELL OWNER: Robert (Bob) D. Hay
 RR#, St. Address, Box #: 9171 So. West Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Wichita, Kansas Application Number: 36719

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


4 DEPTH OF COMPLETED WELL: 133 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 40 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 40 ft. below land surface measured on mo/day/yr 8-24-83
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter 30 in. to ft., and in. to ft.
 WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes.....No...X.....; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)
 2 PVC 4 ABS 7 Fiberglass -Transite Threaded
 Blank casing diameter 16 in. to 58 ft., Dia 16 in. to 107 ft., Dia in. to ft.
 Casing height above land surface 12 in., weight 37 lbs./ft. Wall thickness or gauge No. 3/4"
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement -Transite
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From 58 ft. to 84 ft., From ft. to ft.
 From 107 ft. to 133 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 133 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 10 ft. to 0 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage None Apparent

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	10	Clay			
10	22	Sand & Gravel			
22	47	Clay			
47	83				
83	113	Clay			
113	133	Fine-Coarse Sand			

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) 8-24-83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 236 This Water Well Record was completed on (mo/day/yr) 12-30-83 under the business name of Harp Well & Pump Service, Inc. by (signature) Mary Arnold

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

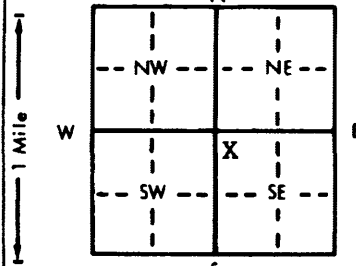
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WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: SEDGWICK	Fraction NW 1/4 NW 1/4 SE 1/4	Section Number 4	Township Number T 29 S	Range Number R 1 W EW
--	---	----------------------------	----------------------------------	---------------------------------

Distance and direction from nearest town or city street address of well if located within city?
7320 Singleterry Wichita, Kansas

2 WATER WELL OWNER:
Charles Caylor
 RR#, St. Address, Box # : **7320 Singleterry**
 City, State, ZIP Code : **Wichita, Kansas**
 Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL... 120 ft. ELEVATION: Depth(s) Groundwater Encountered 1. 15 ft. 2. _____ ft. 3. _____ ft. WELL'S STATIC WATER LEVEL 15 ft. below land surface measured on mo/day/yr 11-16-84 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter _____ in. to _____ ft., and _____ in. to _____ ft. WELL WATER TO BE USED AS: 1 Domestic <input type="checkbox"/> 3 Feedlot <input type="checkbox"/> 6 Oil field water supply <input type="checkbox"/> 9 Dewatering <input type="checkbox"/> 11 Injection well <input type="checkbox"/> 2 Irrigation <input type="checkbox"/> 4 Industrial <input type="checkbox"/> 7 Lawn and garden only <input type="checkbox"/> 10 Observation well <input type="checkbox"/> Was a chemical/bacteriological sample submitted to Department? Yes _____ No XX ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes X No _____
--	---

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) _____
 2 PVC 4 **ABS** 7 Fiberglass **Cer-Mac styrene SDR-26 Threaded**
 Blank casing diameter _____ in. to _____ in., Dia _____ in. to _____ in., Dia _____ in. to _____ in.
 Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 **ABS** 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 **Saw cut** 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: 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.

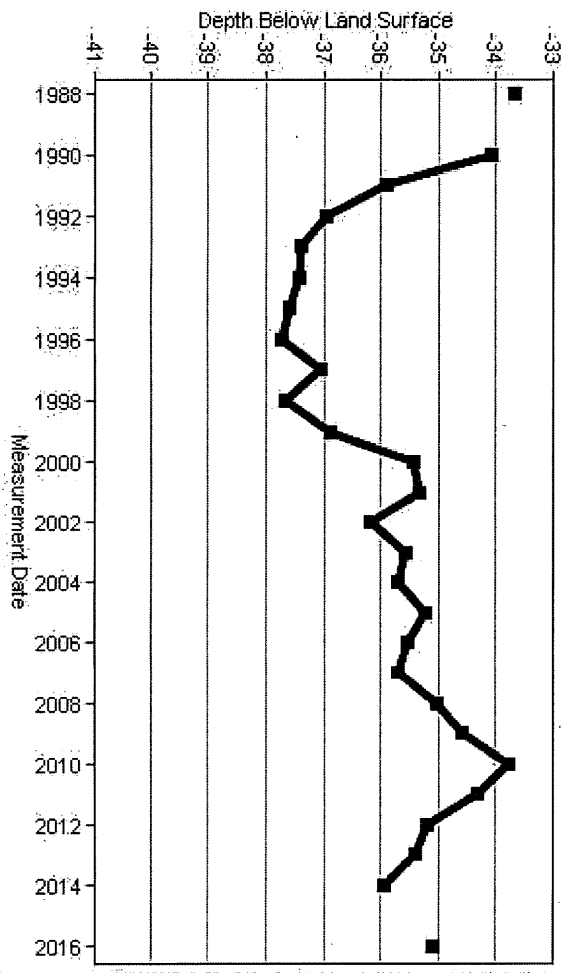
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From **4** ft. to **14** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 **Feedyard** 12 Fertilizer storage 16 Other (specify below) _____
 13 Insecticide storage
 Direction from well? **West** How many feet? **125**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Topsoil			
3	8	Clay			
8	29	Fine Sand			
29	98	Clay			
98	120	Medium Sand			

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) **11-6-84** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **236** This Water Well Record was completed on (mo/day/yr) **5-10-85** under the business name of **Harp Well & Pump Service, Inc.** by (signature) *Mary Arnold*

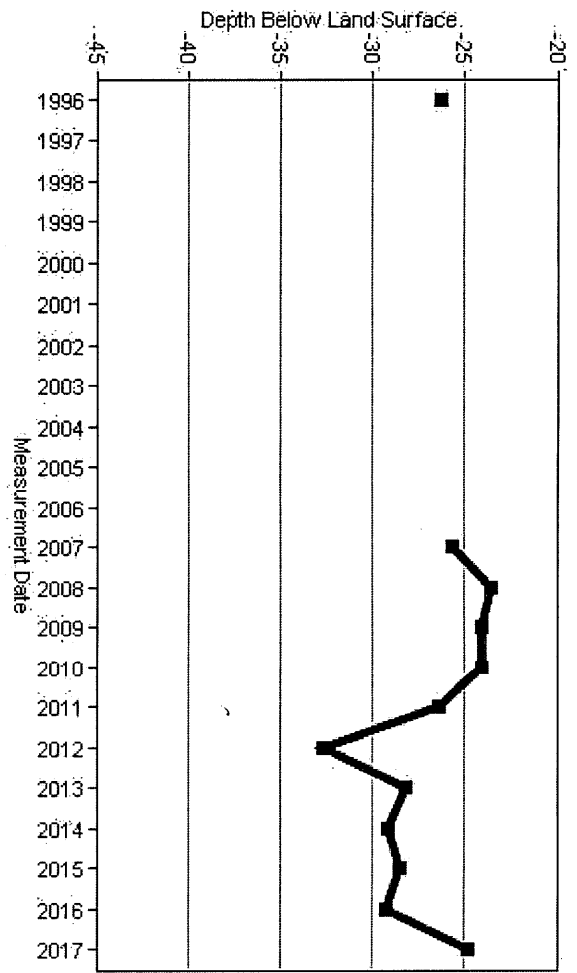
INSTRUCTIONS: Use typewriter or ball point pen, **PLEASE PRESS FIRMLY** and **PRINT** clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R EW SEC. 1/4 1/4



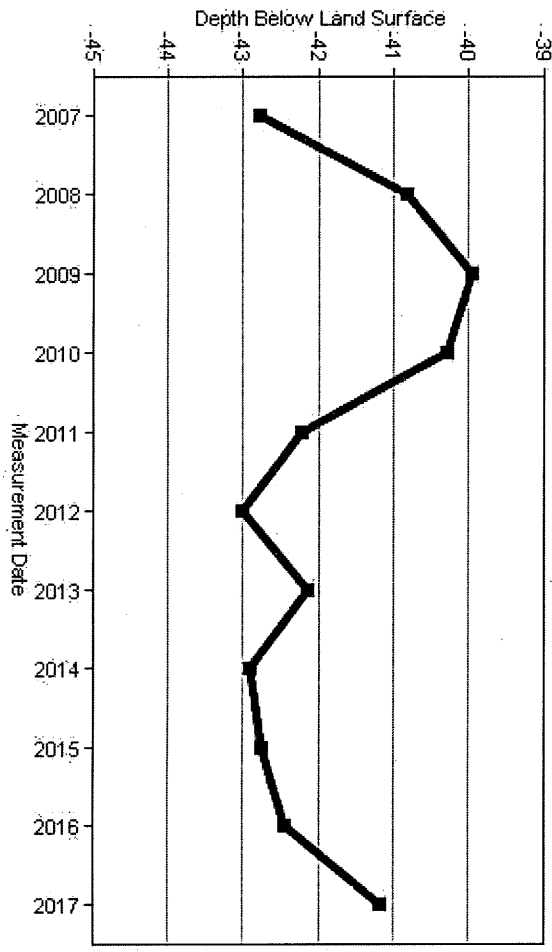
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T295 R 1W Sec 11



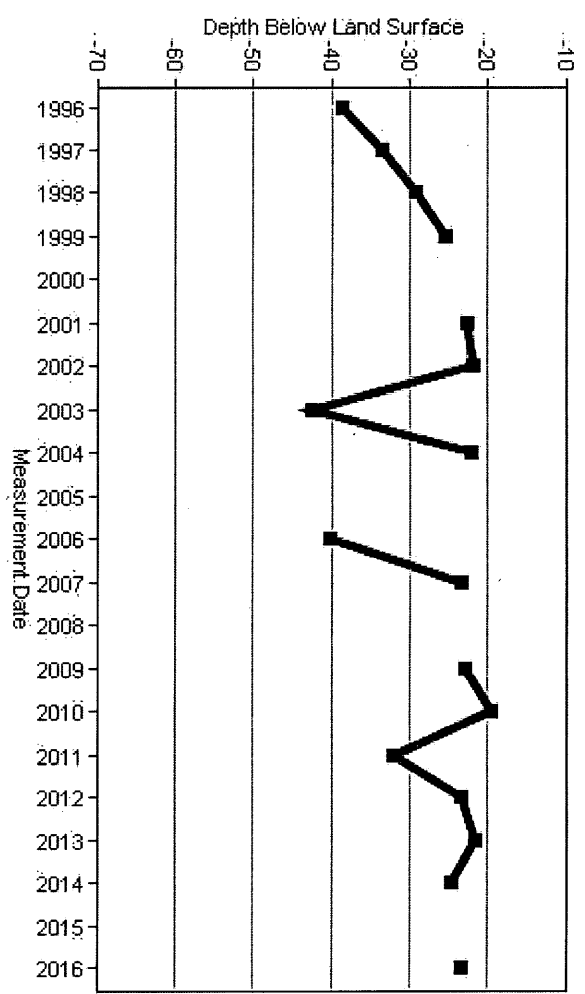
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T295 R 1W Sec 4 2007 - 2017



#4

T285 R 1W Sec 36



#2

T295 R 1W Sec 4 2007 - 2017

Draft

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

MEMORANDUM

TO: Files

DATE: December 21, 2017

FROM: Matt Meier

RE: Application, File No. 49,689

Robert D Hay Trust has filed the referenced application to appropriate groundwater for irrigation use, requesting a battery of four (4) wells, a quantity of 198.8 acre-feet, and a diversion rate of 800 gallons per minute. The Geo-Center is to be located in the Southwest Quarter of the Southeast Quarter of the Northeast Quarter (SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 4, more particularly described as being near a point 3,300 feet North and 1,172 feet West of the Southeast corner of said section, in Township 29 South, Range 1 West, Sedgwick County, within the Ninnescah River drainage basin. There are no other water rights overlapping the proposed place of use or point of diversion. The proposed place of use is owned by the Robert D Hay Trust. The applicant has signed the application form stating that he has legal access to the point of diversion.

In 2004 the United States Geological Survey (USGS) completed a hydrologic model of a portion of the Arkansas River and associated drainage basins (Ninnescah River), generally bounded by Ranges 2 West to 3 East and Townships 26 South to 34 South (near state line). The USGS model indicated that the aquifer in this area receives more recharge from precipitation than DWR has historically used in safe yield calculations. The data and analyses are detailed in the USGS Scientific Investigations Report 2004-5204 entitled "Characterization and Simulation of Flow in the Lower Arkansas River Alluvial Aquifer, South-Central Kansas". In order to evaluate the potential impact of this study on our safe yield calculations, Division of Water Resources (DWR) suspended processing applications for new appropriations of water in the model area.

DWR recently completed an evaluation of the USGS model and has determined that the precipitation recharge value of 5.4 inches per year that is used in the USGS model is reasonable and appropriate. In order to reserve water in the alluvial aquifers that can contribute to base flow to area streams and for domestic use, it was determined that 75 percent of the 5.4 inches of precipitation recharge shall be available for appropriation. This is consistent with safe yield appropriation in many other basins across the state, and is the current percent available in for all applications in the Ninnescah River drainage basin. Therefore, for all pending applications within the model area, safe yield will be evaluated using the standard methodology in K.A.R. 5-3-11, which is based on the extent of the unconfined aquifer (area of consideration), a Potential Annual Recharge value of 5.4 inches, and a percent of recharge available for appropriation of 75%. Current annual recharge across the model area is approximately 3 inches.

Per the requirements in K.A.R. 5-3-11, safe yield is determined by the extent of the unconfined aquifer within a two-mile circle radius of the point of diversion, which establishes the area of consideration. Evaluation of the area of consideration included the extent of the unconfined aquifer, which provided an area of consideration of 8,042 acres. With a potential annual recharge of 5.4 inches, and 75% of recharge available for appropriation, safe yield was determined to be 2,714.18 acre-feet. Existing water rights have appropriated 2,572.98 acre-feet, providing a difference of 241.2 acre-feet available for appropriation, and the application requesting 198.8 acre-feet complies with safe yield.

Well logs (3 of which are included with the application and surround the pending application) in the area show a mixture of clay and sand layers to roughly 130 feet (although shale was not encountered in any of the well logs). The static water level in the area averaged 42.5 feet which provides a saturated thickness of approximately 87.5 feet. Due to the large number of surrounding well logs and fact this was a follow up application to another which had previously been denied, it was decided to allow the application to be processed without a test hole log.

The requested quantity of water, 198.8 acre-feet, is to irrigate the proposed 152.16 acres identified in the application. This is the maximum allowable of 1.3 acre-feet per acre for Sedgwick County, Kansas. There are multiple pending applications in this general area of the state, and they are being worked in priority order to ensure that senior applications are provided the available water.

Due to the large number of nearby domestic wells the applicant requested that a public notice be run as well as mailing out nearby notification letters. The last public notice was published on October 26, 2017 and nearby notification letters were sent out on October 24, 2017. Phone calls were received from Florence Burgkamp, Darwin League (called multiple times), Sherly Glessen (called multiple times), Charles Brantley (called multiple times), Charles, Clay, Donna Hibbits, and Evelin Clark. The calls were to express concerns about the application, obtain more information, and the majority were against the approval of the application. Letters and petitions were received from Charles Brantley, Shirley N Gleason, Darwin & Valere League, Charles & Sheryl Caylor, Margaret Ball, Kenneth & Susan Bishop, Wesley & Elizabeth Wilson, Donna & Robert Gilbits, and Mr. & Mrs. Max C stating they were against the approval of the application. According to the WRIS database, the nearest non-domestic point of diversion (File No. 36,719) is located 1625 feet away. Based on the site map nearest domestic well is approximately 900 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 application is located approximately 1 mile (roughly 0.9 Miles) from of a known contaminant plume that had previously affected the processing of other applications in the area. Based on how the other applications were processed, the application is located further than the previous denial extent from the contaminant plume. The KDHE was contacted to see if any additional studies had been done since the other applications were processed. No further work had been done in the area. A representative of the applicant (Jeff Geifer representing Bob Hay) also called in to say that the applicant had been in touch with Oxy Chemical (David Anderson) regarding the application and they felt it would not affect Oxy's remediation work in the area. The applicant is working with Oxy to approve another application (File No. 47,554) which is located less than 1/2 mile from the contaminant plume. As there is no new data for the area and the application is located further than the previous denial extent, it was decided to continue processing the application using normal procedures.

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.

Matthew J. Meier
Environmental Scientist
Water Appropriations Unit

12/22/17
Concur w/ recommendation
Approve it JR

-12-4-17

Mr Miller

I received your letter asking me to mark my location of my well. I mark were the present well is from my well. But this does not show where the other wells will be. I have talked to professor in the area of water wells, I spoke to a member with MABCO in Redfish City. And give him the location of the other proposed wells. He felt there is a bad idea placing this many wells in a confined or small area. These people believe that it will have a serious affect on resident well drill beyond the 660'. In a letter given to you earlier by the resident, was asking to see info studies on the cause an effect of these proposed wells. At this point I am totally against these wells.

Thank You

Charles Brantley

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SCANNED
DEC 07 2017

Stafford Field Office
Division of Water Resources



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

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

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

December 6, 2017

Charles Brantley
7401 Singleterry RD
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Mr. Brantley:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

Regarding your concerns about the possible impact on your well and what studies have been done the application has been reviewed as required by regulation to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. These rules are in place to protect existing nearby wells and the aquifer. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.

The applicable rules and regulations (K.A.R. 5-4-4) require that new non-domestic wells must meet specific spacing guidelines based on the source of water supply in order to minimize the potential that existing water wells of any kind would be impaired. The source of water (aquifer) for this pending application appears to be Quaternary System based on nearby well logs and geologic maps. This source of water requires a minimum well spacing of 660 feet from any existing domestic well. Based on the location of the proposed geo-center of the well battery, the application complies with minimum well spacing criterion.

Additionally, the rules and regulations (K.A.R. 5-4-1) require the Chief Engineer to investigate any complaint that a prior right to the use of water is being impaired. If such impairment is found, the Chief Engineer must secure water to satisfy prior water rights. Therefore, if this permit application is approved by the Chief Engineer and you believe the diversion of water is impairing your water right, you should notify Jeff Lanterman, Water Commissioner, Stafford Field Office, as follows, so that an investigation can be made.

Division of Water Resources
Stafford Field Office
300 S Main Street
Stafford, Kansas 67578-1342
Telephone: 620-234-5311

If an applicant without cause fails to comply with the provisions of the permit and its terms, conditions and limitations, it could result in the forfeiture of the priority date, revocation of the permit and dismissal of the application. If you have any further questions, please contact me at 620-234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,


Matt Meier
New Application Unit
Water Appropriation Program

SCANNED


Kansas
Department of Agriculture
Division of Water Resources

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Sam Brownback, Governor

December 6, 2017

Shirley N Gleason
7520 Singleterry RD
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Shirley Gleason:

This will acknowledge receipt of your letters, received in this office on October 27, 2017 & November 27, 2017 in which you expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. The letters have been added to the file. In the letters, you mentioned that you were concerned about the possible impact of the wells on your well, what newspaper the public notice was listed in, as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for irrigation use.

The public notice was published in the Haysville Sun-Times on October 12th, 19th, and 26th. Regarding your concerns about the possible impact on your well and what studies have been done the application has been reviewed as required by regulation to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. These rules are in place to protect existing nearby wells and the aquifer. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.

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Additionally, the rules and regulations (K.A.R. 5-4-1) require the Chief Engineer to investigate any complaint that a prior right to the use of water is being impaired. If such impairment is found, the Chief Engineer must secure water to satisfy prior water rights. Therefore, if this permit application is approved by the Chief Engineer and you believe the diversion of water is impairing your water right, you should notify Jeff Lanterman, Water Commissioner, Stafford Field Office, as follows, so that an investigation can be made.

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Sincerely,


Matt Meier
New Application Unit
Water Appropriation Program

SCANNED

pc:


Kansas
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Sam Brownback, Governor

December 6, 2017

Darwin & Valere League
7609 S Ridge Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Darwin & Valere League:

This will acknowledge receipt of your letter, received in this office on November 3, 2017 in which you expressed concerns regarding the proposed appropriation of groundwater by Robert D Hay Trust under the above referenced application. In the letter, (a copy of which has been added to the application) you mentioned that you were concerned about the possible impact of the wells on your wells, the overall water use and development in area, possible impact on the water table, and that you were against the approval of the application. The application is proposing to appropriate groundwater for industrial use.

We are in the process of thoroughly reviewing this pending application to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.

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Matt Meier
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Sam Brownback, Governor

December 6, 2017

Charles & Sheryl Caylor
7320 Singleterry Rd.
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Charles & Sheryl Caylor:

This will acknowledge receipt of your letter, received in this office on November 3, 2017 in which you expressed concerns regarding the proposed appropriation of groundwater by Robert D Hay Trust under the above referenced application. In the letter, (a copy of which has been added to the application) you mentioned that you were concerned about the possible impact of the wells on your wells, the overall water use and development in area, possible impact on the water table, and that you were against the approval of the application. The application is proposing to appropriate groundwater for industrial use.

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Sincerely,

A handwritten signature in black ink that reads "Matthew J. Meier".

Matt Meier
New Application Unit
Water Appropriation Program

SCANNED

pc:


Kansas
Department of Agriculture
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Sam Brownback, Governor

December 6, 2017

Margaret Ball
7620 Singleterry Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Margaret Ball:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

Regarding your concerns about the possible impact on your well and what studies have been done the application has been reviewed as required by regulation to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. These rules are in place to protect existing nearby wells and the aquifer. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.


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Sincerely,

 **SCANNED**
Matt Meier
New Application Unit
Water Appropriation Program



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David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

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Sam Brownback, Governor

December 6, 2017

Kenneth & Susan Bishop
7625 Singlettery Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Kenneth & Susan:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

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Matt Meier
New Application Unit
Water Appropriation Program

SCANNER


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Sam Brownback, Governor

December 6, 2017

Wesley & Elizabeth Wilson
7601 Singleterry RD
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Wesley & Elizabeth Wilson:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

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Matt Meier
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Sam Brownback, Governor

December 6, 2017

Donna & Robert Gilbits
7620 S. Ridge Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Donna & Robert:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

Regarding your concerns about the possible impact on your well and what studies have been done the application has been reviewed as required by regulation to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. These rules are in place to protect existing nearby wells and the aquifer. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.

The applicable rules and regulations (K.A.R. 5-4-4) require that new non-domestic wells must meet specific spacing guidelines based on the source of water supply in order to minimize the potential that existing water wells of any kind would be impaired. The source of water (aquifer) for this pending application appears to be Quaternary System based on nearby well logs and geologic maps. This source of water requires a minimum well spacing of 660 feet from any existing domestic well. Based on the location of the proposed geo-center of the well battery, the application complies with minimum well spacing criterion.

Additionally, the rules and regulations (K.A.R. 5-4-1) require the Chief Engineer to investigate any complaint that a prior right to the use of water is being impaired. If such impairment is found, the Chief Engineer must secure water to satisfy prior water rights. Therefore, if this permit application is approved by the Chief Engineer and you believe the diversion of water is impairing your water right, you should notify Jeff Lanterman, Water Commissioner, Stafford Field Office, as follows, so that an investigation can be made.

Division of Water Resources
Stafford Field Office
300 S Main Street
Stafford, Kansas 67578-1342
Telephone: 620-234-5311

If an applicant without cause fails to comply with the provisions of the permit and its terms, conditions and limitations, it could result in the forfeiture of the priority date, revocation of the permit and dismissal of the application. If you have any further questions, please contact me at 620-234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,


Matt Meier
New Application Unit
Water Appropriation Program

SCANNED



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

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

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

December 6, 2017

Mr. & Mrs. Max C.
7619 Singleterry Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Mr. & Mrs. Max C:

This will acknowledge receipt of your letter as part of a petition, received in this office on November 6, 2017, in which you and nearby neighbors expressed concerns regarding the proposed appropriation of groundwater by the Robert D Hay Trust under the above referenced application. In the letter, you mentioned that you were concerned about the possible impact of the wells on the domestic wells in the area, total number of wells located on the section (as Mr. Hay has an existing well on the same section), the total quantity of water (which is within reasonable levels for irrigation use based on rules and regulations) and as well as if any additional studies have been done for the application. The application is proposing to appropriate groundwater for industrial use.

Regarding your concerns about the possible impact on your well and what studies have been done the application has been reviewed as required by regulation to ensure that it complies with the Kansas Water Appropriation Act and applicable rules and regulations. These rules are in place to protect existing nearby wells and the aquifer. The Chief Engineer is required to approve applications for water appropriation unless the proposed appropriation will impair existing water rights or prejudicially and unreasonably affect the public interest. Impairment is indicated if existing water rights will experience an unreasonable lowering of the static water level. The specific regulations (K.A.R. 5-4-4 for spacing which is outlined more below) and (K.A.R. 5-3-10 and K.A.R. 5-3-11 for safe yield) have been met for the application.

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Division of Water Resources
Stafford Field Office
300 S Main Street
Stafford, Kansas 67578-1342
Telephone: 620-234-5311

If an applicant without cause fails to comply with the provisions of the permit and its terms, conditions and limitations, it could result in the forfeiture of the priority date, revocation of the permit and dismissal of the application. If you have any further questions, please contact me at 620-234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,

A handwritten signature in black ink that reads "Matthew J. Meier".
Matt Meier
New Application Unit
Water Appropriation Program

SCANNED

Dear Mr. Meire

11-27-17

I am writing you again about File 49,689.

I want all the studies done on application for the four wells. This will make five wells on one tract section of land. We already had one bootleg well put in and it burn up six pumps in this vicinity a few year back. My pump was also burn up.

I want all New paper adds for this also. I have not got any information on any of this. I have send you letter on this matter and have not hear anything from you or your office. On this map I want to know where the wells will be. All the studies for this year on this matter would be nice to have. Also when our pumps burn up this time who is going to paid for them and if we have drill dealer who will paid for this? Some of us sure told if these wells are to be put in it ~~not~~ would affect everyone white and a 1/2 mile of the wells. Are water supply would be affect in this vicinity. Please show me that if would not affect my and others water.

RECEIVED

NOV 29 2017

Phone 316-250 8100

Shirley W. Gleason

7520 Singletary Rd
Haysville KS 67060

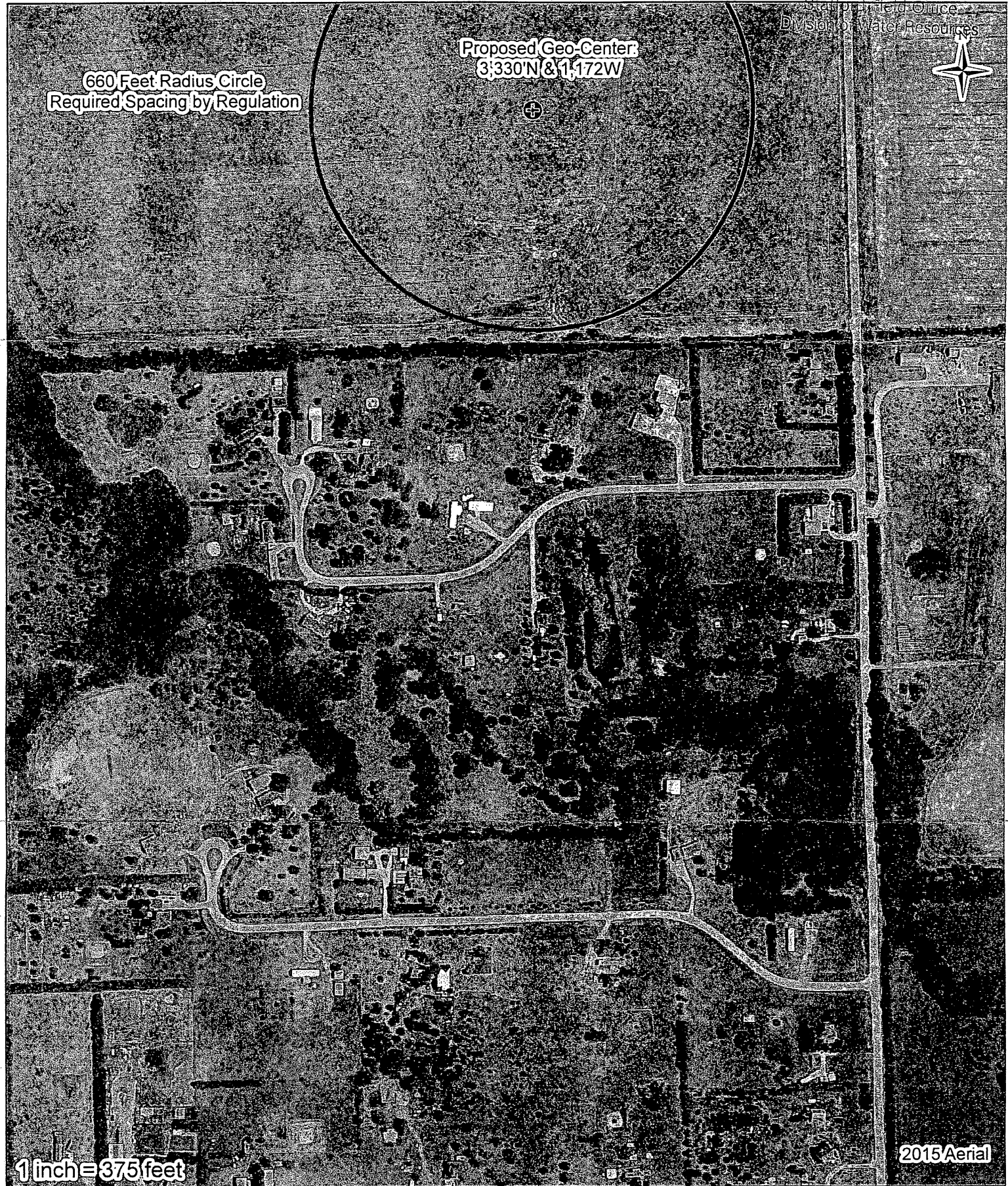
File No. 49,689

Staff Field Office
Division of Water Resources



Proposed Geo-Center
3,330'N & 1,172'W

660 Feet Radius Circle
Required Spacing by Regulation



1 inch = 375 feet

2015 Aerial

⊕ Proposed Well Battery

0 150 300 600 900 1,200 Feet

SCANNED

Created By: Matt Meier
F.O. 2
Date: 11/16/2017

NO ASPIRARE AL CIELO
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

November 16, 2017

Charles Brantley
7401 Singleterry Rd
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Mr. Brantley:

As we discussed over the phone today (on November 16, 2017) I have included a requested map for you to mark the location of your domestic well on. Please return the map at your convenience and if you have any more questions feel free to contact me at 620-234-5311.

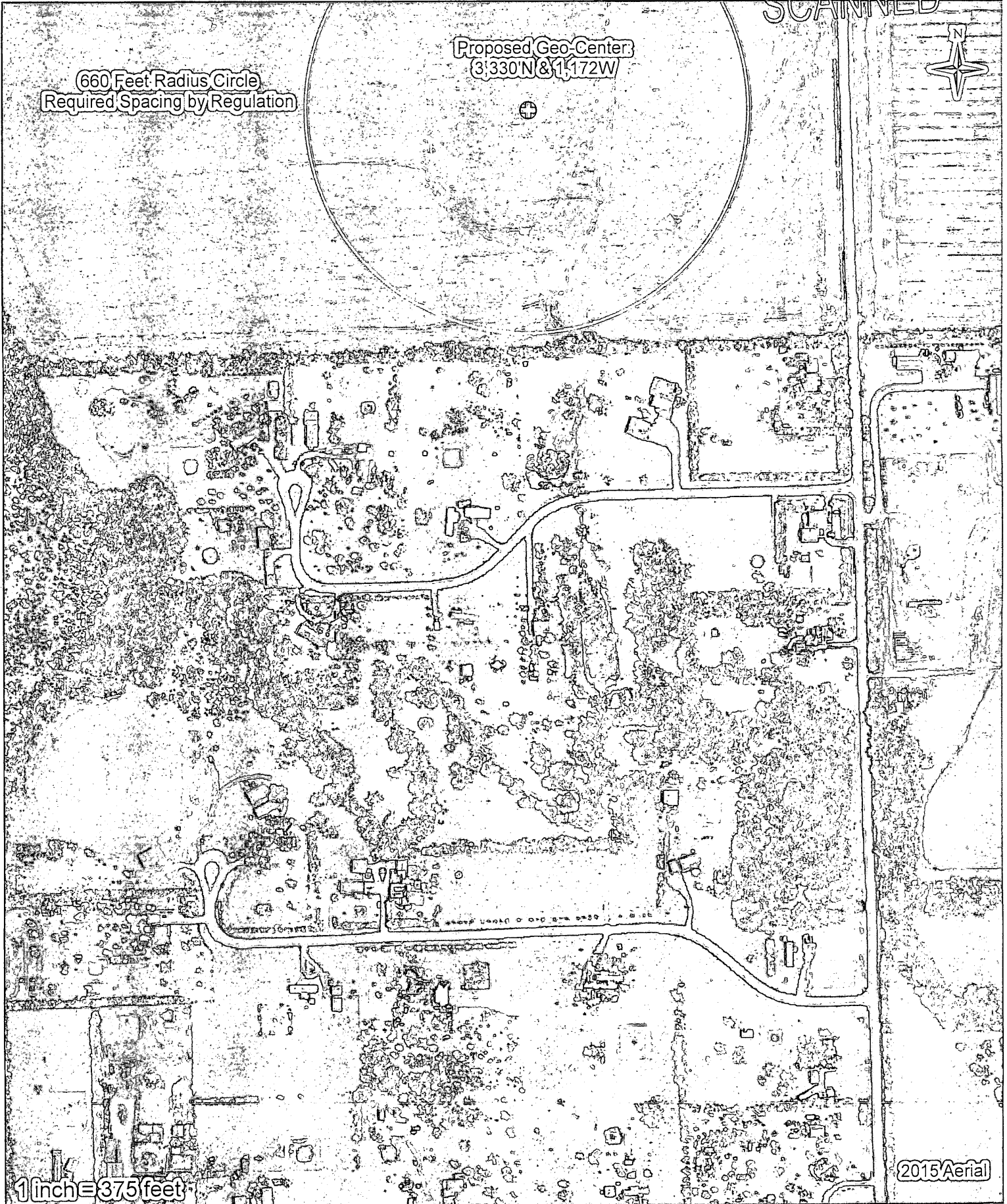
Sincerely,



Matt Meier
New Application Unit
Water Appropriation Program

pc:

SCANNED



⊕ Proposed Well Battery

0 150 300 600 900 1,200 Feet

10-28-2017

My name is Charles Brantley,
I'm the person that has
gathered and written the letter
^{with} reference to the draw wells.
questions concerning well
application N# 49,689. If
there is future information,
please feel to contact me.

Charles Brantley
7401 Singleton Rd.
Haystack, VA 67060
Ph: 1-620-584-6972

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NOV 06 2017

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Stafford Field Office
Division of Water Resources

10-28-2017

This letter is in regard to a pending application, file N# 49.689. The request is to have 4 extra wells placed on said location, File N# 49.689. These extra wells would increase the number of wells already on this location. It would be a total of 5 ea. The residents that have signed this letter have some concerns about these extra one located in a small area. It also looks like a large amount water would be removed in a short time frame. The concerned resident also have other concerned about these extra wells. Phone call have been made trying to gather information. The residents would like to see, if any studies have been, on how it would affect there ^{RECEIVED} users. Being that there resident water is

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NOV 06 2017
Stafford Field Office
Division of Water Resources

that from the same under ground water storage. As stated in the filing application, the people concerned need to be fully informed. The resident that have signed this letter reside within 3,000 ft of there old or new wells. The residents would like to copies of any studies that have been made concern-
ing these wells?

Letter written by
Charles Brantley resident
on Singletary

1. Donna Tibbits
7620 S. Ridge Rd.

2. Robert ~~D. D.~~

3. Charley Caylor
7320 Singletary Rd.

4. Sheryl Caylor

5. Shirley Gleason
7520 Singletary Rd.

6. Charles Brantley
7401 Singletary Rd.

7. Mr & Mrs Max Smith
7619 Singletary Rd.

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NOV 06 2017

SCANNED

Stafford Field Office
Division of Water Resources

10-28-2017

This letter is in regard to a pending application, file N# 49.689. The request is to have 4 extra wells placed on said location, File N# 49.689. These extra wells would increase the number of wells already on this location. It would be a total of 5 ea. The residents that have signed this letter have some concerns about these extra one located in a small area. It also looks like a large amount water would be removed in a short time frame. The concerned resident also know other concerned about these extra wells. Phone call have been made trying to gather information. The residents would like to see, if any studies have been, on how it would affect there water users. Being that there resident water is

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NOV 06 2017

Field Office
South of Water Resources
SCANNED

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1. Margaret Ball
7620 Singleterry
Haysville Ks. 67060

3. Charles W. Brantley
7401 Singleterry Rd

2. Susan Busby
Kenneth F. Bishop
7625 Singleterry Rd.
Haysville, KS. 67060

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NOV 06 2017

Stafford Field Office
Division of Water Resources

SCANNED

10-28-2017

This letter is in regard to a pending application, file N# 49.689. The request is to have 4 extra wells placed on said location, File N# 49.689. These extra wells would increase the number of wells already on this location. It would be a total of 5 ea. The residents that have signed this letter have some concerns about these extra one located in a small area. It also looks like a large amount water would be removed in a short time frame. The concerned resident also know other concerned about these extra wells. Phone call have been made trying to gather information. The residents would like to see, if any studies have been, on how it would affect there water users. Being that there resident water is

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NOV 06 2017

Station Field Office
Division of Water Resources

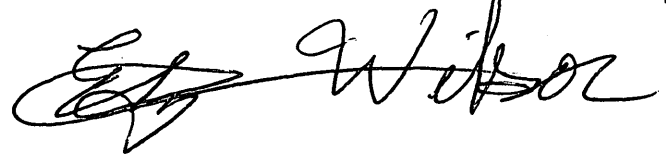
SCANNED

that from the some under ground water storage. As stated in the filing application, the people concerned need to be fully informed. The resident that have signed this letter reside within 3,000 ft of there old or new wells. The residents would like to copies of any studies that have been made concern- ing these wells?

1. Wesley Wilson

2. Elizabeth Wilson





7601 Singleterry Rd
Haysville, KS 67060
316-253-1200

RECEIVED

NOV 06 2017

Stafford Field Office
Division of Water Resources

Kansas Dept of Agriculture
Division of Water Resources

Re: Pending application

File No. 49689

October 31, 2017

In regards to the pending application File no. 49689 advising that the Robert D. Hay trust has filed for a permit to appropriate 198.8 acre feet of ground water per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute:

The owners of the nearby private wells are in agreement that the Robert Hay wells would be entirely too close and we do not approve.

In the past, neighbors in this area have had problems with water levels, and water tasting and smelling bad when the irrigation wells start up in the spring.

We have at least 7 producing irrigation wells in the vicinity including the existing well in the field Robert Hay is wanting to put the new well on.

In addition to these wells we have the chemical plant and Murry Gill plant nearby.

It is our understanding he wants to run the irrigation pipe under S. Ridge Rd. to his field to the east.

There is a 13" gas pipe running north and south along S. Ridge Rd. underground along the east side of the ditch.

This could possibly be a danger to the neighborhood if this pipe was ruptured.

If our wells are damaged, whether bad water or needing to go deeper we will expect Robert Hay to remedy this situation.

Reply is requested when final decision is made.

Respectfully submitted

Charles J. Caylor

Sheryl A. Caylor

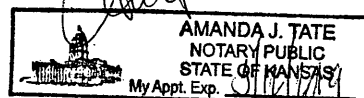
Shirley Gleason

Valere League

Darwin League

RECEIVED

NOV 03 2017



Dear Mr Merer

10-27-17

I am writing in regards to file N 49689. I call you on Oct 27-17 at 9:21 AM to let you know that I disapprove of the four wells that Mr Robert J Hay wants to put in this vicinity.

I would like to know how this would affect my water supply and this vicinity as all of us have wells. We want to know how this will affect us now and in the future. I would like to know what studies have been done and a copy of them. Also what New paper was this put in? I would like a copy of this also. Robert well already affect my water supply. My well is down about 60 to 100 feet or more. Please give all you have on file N 49.689.

Shirley W. Henson
7520 Singletary Rd
Haystack KS 67060

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SCANNED

NOV 01 2017

Stafford Field Office
Division of Water Resources

Robert D Hay
9171 S West St.
Haysville, KS 67060

October 30, 2017

Kansas Department of Agriculture, Division of Water Resources
300 S Main St.
Stafford, KS 67578-1521

RE: Pending Application, File No. 49689

Dear Mr. Meier:

Enclosed is a copy of the Affidavit of Publication for the above referenced file. If you have any questions please contact me at (316) 734-8277. Thanks for your help.

Sincerely,



Robert D Hay

SCANNED

RECEIVED

NOV 01 2017

Stafford Field Office
Division of Water Resources

Affidavit of Publication

Briana Bade

Of lawful age being duly sworn upon oath states
That she is the lawful billing clerk at

**Times-Sentinel Newspapers, LLC
State of Kansas**

A weekly newspaper printed in the state of Kansas,
And published in and of general circulation in Sedgwick
County, with a general paid circulation on a yearly
Basis in Sedgwick County of Kansas, and that said
Newspaper is not a trade, religious, or fraternal
Publication. That said newspaper has been published
At least weekly 50 times a year, has been so published
Continuously and uninterruptedly in said county and state
For a period of more than five years prior to the first
Publication of said notice and has been admitted to the
Post Office of Cheney, Kansas, in Sedgwick County as
Second class matter. That the attached is a true copy
Thereof and was published on the following dates in the
Regular and entire Issue of said newspaper.

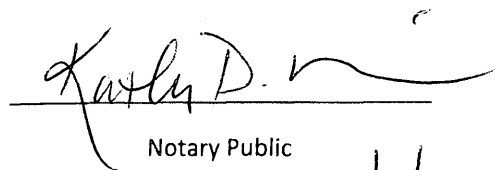
First Publication was made
On the 12TH Day of OCT. 2017
Second Publication was made
On the 19TH Day of OCT. 2017
Third Publication was made
On the 26TH Day of OCT. 2017

Total Publication Fee \$ 191.25



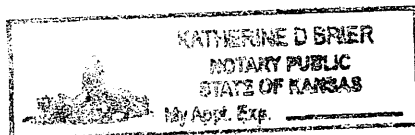
Subscribed and sworn to before me this

26th Day of OCT. 2017



Notary Public

My Commission expires on 5/8/19



PUBLIC NOTICE

First Published in the Haysville Sun-Times October 12, 2017 (1t)

**Public Notice
File No. 49,689**

Robert Hay has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,689 with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 198.8 acre-feet of groundwater to be diverted at the rate of 800 gallons per minute from a battery of four (4) wells for irrigation use. The proposed geo-center of the well battery would be located in the Northwest Quarter of the Southeast Quarter of the Northeast Quarter (NW1/4 SE1/4 NE1/4) of Section 4, more particularly described as being near a point 3,300 feet North and 1,172 feet West of the Southeast corner of said section, in Township 29 South, Range 1 West, Sedgwick County, Kansas.

Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,689. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through November 18, 2017.

Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits unit of the Water Appropriation Program at (620) 234-5311.

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NOV 01 2017

Stafford Field Office
Division of Water Resources

SCANNED


Kansas
Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

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

October 24, 2017

Bobby & Margaret Ball
7620 Singleterry Rd.
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Sir or Madam:

This is to advise you that the Robert D Hay Trust has filed the application referred to above for a permit to appropriate 198.8 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 49,689 is a battery of four (4) wells, which are located as follows:

Northeast Quarter of the Southwest Quarter of the Northeast Quarter of Section 4, Township 29 South, Range 1 West, Sedgwick County, Kansas.

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

If you have any questions or comments, you may also contact me at (620) 234-5311. If you call, please reference the file number so I can help you more efficiently. Mailed comments can be sent to the Stafford Field Office at 300 S. Main St. Stafford, KS 67578-1521.

Sincerely,



Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

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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-10/23/17

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

Proposed Water Appropriation, File No. 49,689

4-29S-1W

Sedgwick County



UNRECORDED



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 24, 2017

Phillip & Shirley Gleason
7520 Singleterry Rd.
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Sir or Madam:

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Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

Kansas

Department of Agriculture
Division of Water Resources

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

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

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



Legend

- Section Corners
- Section Lines

MJM-DWR 10/23/17

Proposed Water Appropriation, File No. 49,689
4-29S-1W
Sedgwick County



The logo features the word "Kansas" in a large, serif font. Above the letters "a", "n", and "s" is a decorative arch of small stars. Below "Kansas" are the words "Department of Agriculture" and "Division of Water Resources" in a smaller, sans-serif font.

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 Lanteman, Water Commissioner

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

October 24, 2017

Charles & Sheryl Caylor
7230 Singleterry Rd.
Haysville, KS 67060

Re: Pending Application, File No. 49,689

Dear Sir or Madam:

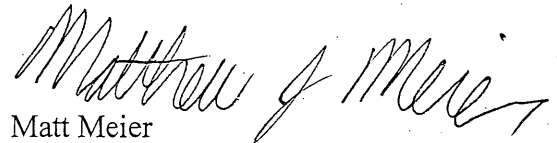
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Sincerely,

A handwritten signature in black ink that reads "Matt Meier". The signature is written in a cursive style.

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

Kansas

Department of Agriculture
Division of Water Resources

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

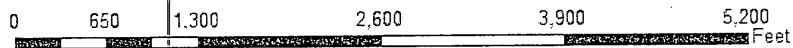
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Sam Brownback, Governor



Legend

- Section Corners
- Section Lines



Proposed Water Appropriation, File No. 49,689
4-29S-1W
Sedgwick County



MJM-DWR 10/23/17



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 24, 2017

Darwin Lague
7609 S Ridge Rd.
Haysville, KS 67060

Re: Pending Application, File No. 49,689

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Sincerely,

Matt Meier
Environmental Scientist
Water Appropriations Program

Enclosure

pc:

SCANNED

Kansas



Department of Agriculture
Division of Water Resources

Stafford Field Office
300 S. Main Street
Stafford, Kansas 67578-1521 –
Jackie McClaskey, Secretary
David W. Barfield, Chief Engineer
Jeff Lanterman, Water Commissioner

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



Legend

-  Section Corners
-  Section Lines

MJM-DWR 10/23/17

Proposed Water Appropriation, File No. 49,689
4-29S-1W
Sedgwick County



Robert D Hay
9171 S West St.
Haysville, KS 67060

October 9, 2017

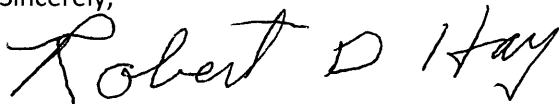
Kansas Department of Agriculture, Division of Water Resources
300 S Main St.
Stafford, KS 67578-1521

RE: Pending Application, File No. 49689

Dear Mr. Meier:

I am writing in response to your letter dated September 27, 2017. I have reviewed the application that you returned for more information. I believe I have made the necessary changes to match the actual acreage of the property as well as footages of the well locations to match the map that was submitted. Per our phone conversation I have provided a list of well owners other than myself that are within 1000' of the proposed geo-center, along with their addresses. I have also received the public notice document and have submitted it to the local newspaper to be published. I will provide you with the affidavit of publication once I receive it. If any further information is required please contact me at your earliest convenience. My phone number is (316) 734-8277.

Sincerely,



Robert D Hay

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OCT 12 2017

Stafford Field Office
Division of Water Resources


Kansas
Department of Agriculture
Division of Water Resources

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

Jackie McClaskey, Secretary
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Jeff Lanterman, Water Commissioner

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

October 6, 2017

ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060

RE: Application, File No. 49,689

Dear Mr. Hay:

Due to the large number of domestic wells in the area surrounding this proposed appropriation, you requested a public notice to notify the nearby landowners.

Enclosed is a public notification for your application to appropriate water for beneficial use. This notice should be published in a local newspaper(s) once per week for three consecutive weeks at your expense. An affidavit of publication or copies of the published notification are to be submitted to this office within two weeks of the final publication date. The date proposed in Paragraph No. 2 of the notice is designed to allow at least 15 days for public comment following the final publication, and should be revised as needed to ensure this time allowance is met. The requested quantity on the public notice needs to be filled in before posting.

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,



Matt Meier
Environmental Scientist
Permits Unit

Enclosure
pc:

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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

Public Notice
File No. 49,689

Robert Hay has filed an application for permit to appropriate water for beneficial use, identified as File No. 49,689, with the Division of Water Resources, Kansas Department of Agriculture. The application proposes the appropriation of 198.8 acre-feet of groundwater to be diverted at the rate of 800 gallons per minute from a battery of four (4) wells for irrigation use. The proposed geo-center of the well battery would be located in the Northwest Quarter of the Southeast Quarter of the Northeast Quarter (NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 4, more particularly described as being near a point 3,300 feet North and 1,172 feet West of the Southeast corner of said section, in Township 29 South, Range 1 West, Sedgwick County, Kansas.

Anyone, with existing wells in the immediate vicinity of the proposed point of diversion, is invited to submit written comments regarding Application, File No. 49,689. Persons submitting comments should specifically indicate their interest in the proposed appropriation. Comments regarding the application will be accepted through **November 18, 2017**.

Written comments or questions regarding the application may be directed to the Stafford Field Office, 300 S. Main Street, Stafford, Kansas 67578-1521. If you wish more information concerning this application, you may also contact Matt Meier, Environmental Scientist, in the Permits Unit of the Water Appropriation Program at (620) 234-5311.

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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

September 27, 2017

ROBERT D HAY
9171 S WEST ST
HAYSVILLE KS 67060

RE: Pending Application, File No. 49,689

Dear Mr. Hay:

After further review of the above referenced application for permit to appropriate water for beneficial use, it is being returned to you for additional information. K.A.R. 5-3-4, states in part, each application for a permit to appropriate water for beneficial use shall contain all the information requested for the proposed uses as specified in the prescribed application form and any other information that may be required for a complete understanding of the proposed appropriation.

There is a slight discrepancy between the geo-center location shown on the map versus the footages listed. Based on the proposed geo-center location shown on the map the correct footages should be 3,300'N and 1,172'W. Please verify that this is the correct. If the map is correct, please update the footages listed in the application.

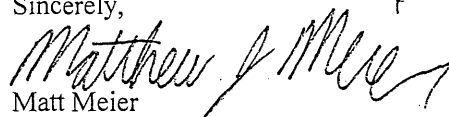
Additionally, based on the property information listed on the Sedgwick County online property report (a copy of which is included with the application), the entire acreage of the property is 152.16 acres in size. This is 2.84 acres less than the acreage listed in the application. If there is additional land being included in the place of use that is not owned by the applicant, please include the other land owner's names and addresses. If there are no additional owners, the requested acres will need to be reduced to 152.16 acres unless more accurate information can be provided showing the property is larger than listed. The requested quantity will also have to be reduced to 198.8 AF as the maximum reasonable quantity for irrigation in Sedgwick County is 1.3AF/Acre.

Finally, the application map did not show the location of any wells within ½ mile of the proposed point of diversion or list the names and mailing addresses of the well owners. This information is required and will need to be provided for the new application. The map will also need to be signed and dated by the applicant to verify they listed all the nearby wells.

We are advising you of these requirements in order to allow you an opportunity to supply the requested information, as required. In order for the application to retain its priority of filing, the original application and attachments must be returned, with the requested information, to this office on or before **October 27, 2017**, or within any authorized extension of time thereof. According to the law, default in the refiling of the completed application and attachments as outlined above, within the time allowed, **shall constitute forfeiture of your priority date and dismissal of the application.**

If you have any questions, please contact me at (620) 234-5311. If you wish to discuss a specific file, please have the file number ready so that I may help you more efficiently.

Sincerely,



Matt Meier

New Application Unit
Water Appropriation Program

Enclosure
pc: Application #49,689

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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
<u>Blanket silt loam</u>	<u>85%</u>	<u>.6</u>	<u>3</u>
<u>Tabler silty clay loam</u>	<u>15%</u>	<u>.2</u>	<u>1</u>
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

b. Estimate the average land slope in the field(s): .75 %

Estimate the maximum land slope in the field(s): 2 %

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:
Application rate will equal soil intake rate

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? _____ feet
- (4) Please include a copy of the sprinkler package design information.

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

Corn, Wheat, Soybeans

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).

Crop Consultant

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

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OCT 12 2017

Stafford Field Office
Division of Water Resources

WATER RESOURCES
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AUG 15 2016

KS DEPT OF AGRICULTURE

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File No. 49689

Well owners within 1000' of proposed geo-center

1. Bobby and Margaret Ball
7620 Singleterry Rd.
Haysville, KS 67060
2. Phillip and Shirley Gleason
7520 Singleterry Rd.
Haysville, KS 67060
3. Charles and Sheryl Caylor
7230 Singleterry Rd.
Haysville, KS 67060
4. Darwin League
7609 S Ridge Rd.
Haysville, KS 67060

Robert D Hay 10-9-17

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OCT 12 2017

Stafford Field Office
Division of Water Resources



Sedgwick County
working for you

Property Information Report

Owner Name: HAY ROBERT D REVOCABLE TRUST
 PIN Number: 00501637
 AIN: 087252030210000101
 Geocode: OH 000100001

Owner Address

Owner Name: HAY ROBERT D REVOCABLE TRUST
 Owner Address: 9171 S WEST ST
 Owner City: HAYSVILLE
 Owner State: KS
 Owner ZIP: 67060-7422

Property Address

Property Address: null
 Property City: null
 Property State: KS
 Property ZIP: null

Appraised Values

Appraised Land Value: \$40,720
 Appraised Improvement Value: \$0
 Appraised Total Value: \$40,720

Assessed Values

Assessed Land Value: \$12,216
 Assessed Improvement Value: \$0
 Assessed Total Value: \$12,216

Land Information

Total Acres: 152.16411
 Total Square Feet: 6,628,269
 Zoning: RURAL RESIDENTIAL
 Sec-Twp-Range: 03-T29S-R1W
 Township: Ohio

Abbreviated Legal Description: NW 1/4 EXC N 319.83 FT E 780 FT & EXC RD ON N SEC 3-29-1W

Improvement Information

Year Built: null
 Year Last Sold: 2003
 Style: null
 Basement Type: null
 Arch Style Desc: null
 Neighborhood Code: 712.4

Living Unit: 1
 Bedrooms: null
 Bathrooms: null
 Half Bath: null

Total Sq Ft: null
 Ground Floor Sq Ft: null

Election Information

Precinct: OH01
 Polling Place: United Methodist Church
 130 N 1ST AVE
 CLEARWATER, KS 67026

County Commissioner: Michael O'Donnell
 City Council: null
 Board of Education: Jim McNiece
 State Senate: Dan Kerschen
 State Rep: John Whitmer

Other Information

Unified School District: 264
 Fire District: Sedgwick County Fire District

Tax Unit: 17-04

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OCT 12 2017

Stafford Field Office
 Division of Water Resources

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

August 15, 2016

ROBERT D HAY TRUST
9171 S WEST ST
HAYSVILLE KS 67060

FILE COPY

RE: Application
File No. 49689 MF

Dear Sir or Madam:

Your application for permit to appropriate water in 4-29S-1W in Sedgwick County, was received and has been assigned the file number noted above.

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

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

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

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

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

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

Sincerely,

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

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

BAT: dlw
pc: STAFFORD Field Office
GMD

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CERTIFIED MAIL®

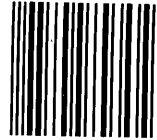
Shirley N Gleason
7520 Singletary Rd
Haysville KS
62060-7211



7017 0660 0000 7236 0021



1000



67578

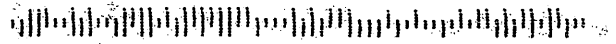
U.S. POSTAGE
PAID
HAYSVILLE, KS
67060
NOV 27 17
AMOUNT

\$3.84
R2304Y122698-16

Mr. Matt ~~Mason~~ ~~Mason~~
Stafford Field Office
300 E Main St
Stafford KS
67578-1521

NAME _____
1ST NOTICE NOV 29 2017
2ND NOTICE _____
DEC 14 2017

6757831521 0001



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NOV 29 2017

Stafford Field Office
Division of Human Resources

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Barth

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Google earth

miles
km



RAI W

Robert D May 10-9-17

Robert D May 8-9-16

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OCT 12 2017

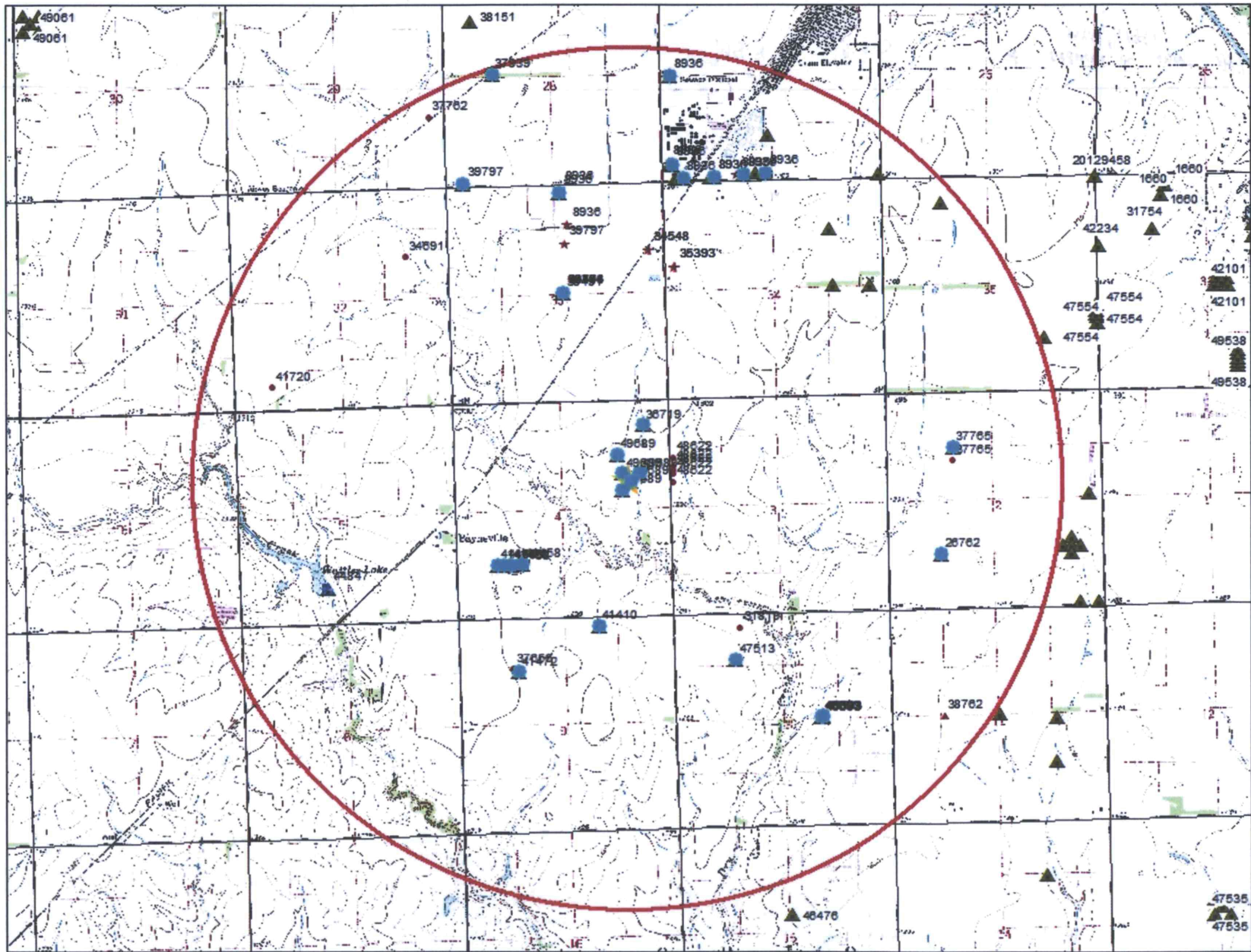
Stafford Field Office
Division of Water Resources

179

KS DEPT OF AGRICULTURE

AUG 15 2016

Safe Yield Report Sheet
Proposed Water Right Application
Point of Diversion in SWNWSENE 04-29S-01W



Analysis Results

The selected PD is in an area to new appropriations.

The safe yield, based on the variables listed below is 2,714.18 AF. *-2472.98 = 241.2 AF available*

Total prior appropriation in the circle is 2,931.51 AF.

Total quantity of water available for appropriation is 0.00 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 5.4 inches.

The percent of recharge available for appropriation is 75%.

Authorized Quantity values are as of 16-AUG-2017 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.

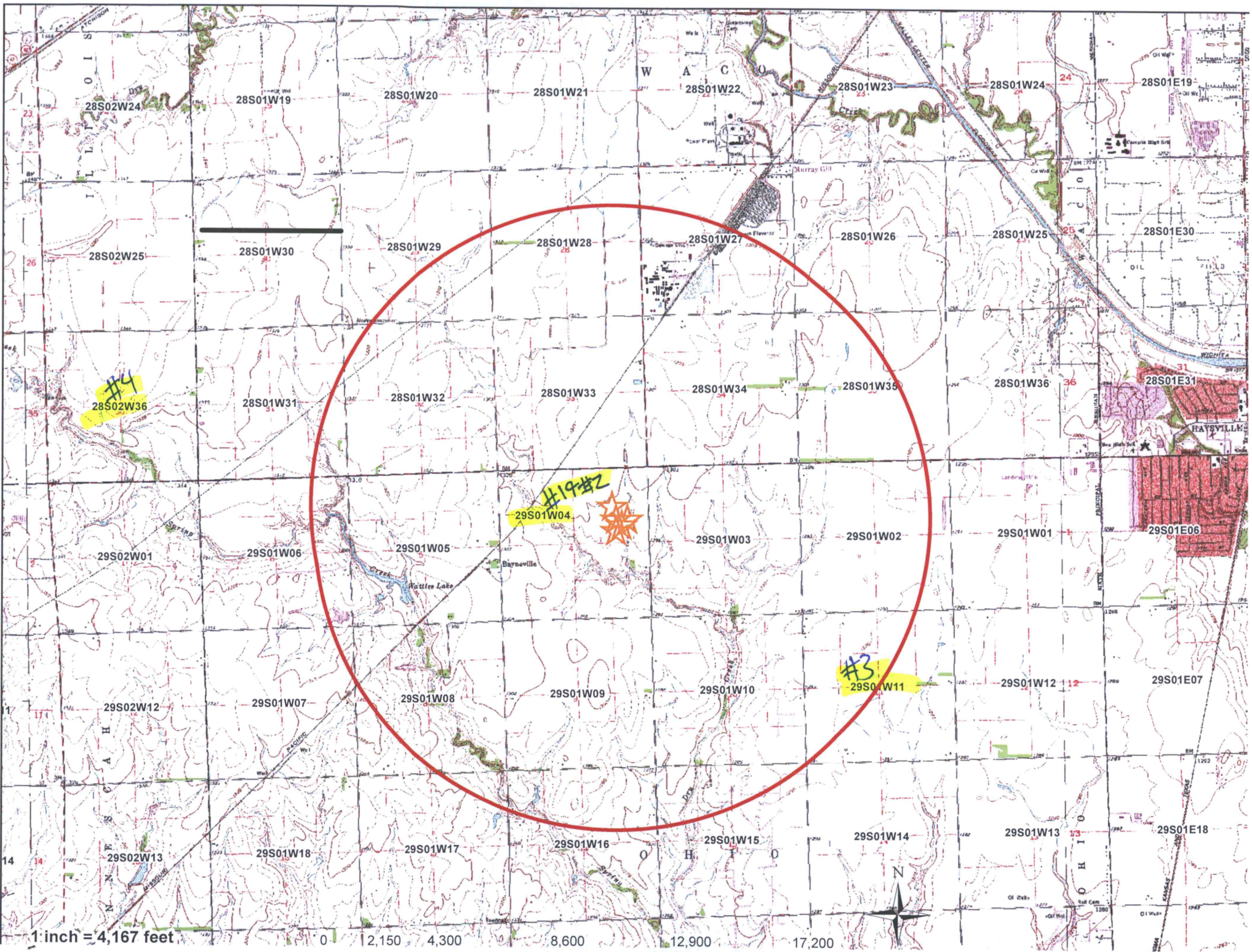
There are 15 water right(s) and 31 point(s) of diversion within the circle.

File Number	Use	ST	SR	Q4	Q3	Q2	Q1	FeetN	FeetW	Sec	Twp	Rng	ID	Qind	Auth_Quant	Add_Quant	Tacres	Nacres
A 8936 00	IND	NK	G		SE	SE	SW	150	2800	27	28	01W	5	PD	103.12	103.12		
Same	IND	NK	G		NW	NW	SW	2550	5100	27	28	01W	2	PD	104.96	104.96		
Same	IND	NK	G		SW	SW	SW	375	5100	27	28	01W	9	PD	120.91	120.91		
Same	IND	NK	G		SE	SW	SW	50	4080	27	28	01W	7	PD	80.71	80.71		
Same	IND	NK	G		SW	SW	SW	25	4850	27	28	01W	8	PD	101.58	101.58		
Same	IND	NK	G		SW	SE	SW	100	3350	27	28	01W	4	PD	101.58	101.58		
Same	IND	NK	G		NW	NW	NE	5148	2522	33	28	01W	6	PD	331.44	331.44		
A 26762 00	IRR	NK	G		NC	SW		1280	3960	02	29	01W	1	WR	156.00	156.00	140.00	140.00
A 34384 00	IND	NK	G		SW	SW	NE	2648	2505	33	28	01W	3	WR	80.71	80.71		
A 36719 00	IRR	NK	G		NC	NE		4780	510	04	29	01W	1	WR	203.00	203.00	161.30	161.30
A 37765 00	IRR	NK	G		NW	SE	NW	3919	3648	02	29	01W	11	WR	120.00	120.00	120.60	120.60
A 37939 00	IRR	NK	G		SE	SW	NW	2660	4070	28	28	01W	3	WR	120.00	120.00	317.00	0.00
A 38491 00	IND	NK	G		SW	SW	NE	2648	2505	33	28	01W	3	WR	183.21	176.33		
A 39797 00	IND	LR	G		SW	SW	SW	70	4808	28	28	01W	6	WR	363.66	114.61		
A 41410 00	IRR	NK	G		NE	NW	NE	5028	1885	09	29	01W	2	WR	132.00	132.00	128.00	128.00
A 41458 00	IRR	NK	G		NC	SW		1268	3952	04	29	01W	2	WR	197.00	197.00	131.00	131.00
Same	IRR	NK	G	NC	E2	W2	SW	1269	4251	04	29	01W	3	WR				
Same	IRR	NK	G		NC	SW		1269	4085	04	29	01W	4	WR				
Same	IRR	NK	G	NC	W2	E2	SW	1288	3653	04	29	01W	6	WR				
Same	IRR	NK	G		NC	SW		1248	3926	04	29	01W	5	WR				
A 41472 00	IRR	NK	G		NC	NW		3875	3838	09	29	01W	3	WR	51.00	0.00	128.00	0.00
A 46593 00	IRR	KE	G		SE	SW	NE	2665	1745	10	29	01W	2	WR	169.00	169.00	130.00	130.00
Same	IRR	KE	G		SE	SW	NE	2645	1745	10	29	01W	4	WR				
Same	IRR	KE	G		SE	SW	NE	2685	1745	10	29	01W	5	WR				
Same	IRR	KE	G		SE	SW	NE	2665	1725	10	29	01W	6	WR				
Same	IRR	KE	G		SE	SW	NE	2665	1765	10	29	01W	7	WR				
A 47513 00	IRR	GY	G		SW	NE	NW	4100	3840	10	29	01W	3	WR	60.03	60.03	57.17	57.17
A 49689 00	IRR	AY	G		NW	SE	NE	3300	990	04	29	01W	7	WR	201.50	201.50	155.00	0.00
Same	IRR	AY	G		NW	SE	NE	3500	1190	04	29	01W	8	WR	198.8	198.8		
Same	IRR	AY	G		NW	SE	NE	3500	790	04	29	01W	9	WR				
Same	IRR	AY	G		SW	SE	NE	3100	1190	04	29	01W	10	WR				
Same	IRR	AY	G		SW	SE	NE	3960	1320	04	29	01W	11	WR				
A 49746 00	IND	AY	G		SW	SW	NE	2648	2505	33	28	01W	3	WR	257.04	257.04		

2472.98 appropriated

reduced to meet AF/acre requirements MGM/SFFO

458.54 pending





Proposed Geo-Center:
3,330'N & 1,172'W

660 Feet Radius Circle
Required Spacing by Regulation



1 inch = 375 feet

2015 Aerial

Proposed Well Battery

0 150 300 600 900 1,200 Feet

Created By: Matt Meier
F.O. 2
Date: 11/16/2017

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