

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

1. File Number: <p style="text-align: center; font-size: 1.2em;">49,805</p>	2. Status Change Date: <p style="text-align: center; font-size: 1.2em;"><i>10/30/2017</i></p>	3. Field Office: <p style="text-align: center; font-size: 1.2em;">2</p>	4. GMD: <p style="text-align: center; font-size: 1.2em;">2</p>
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5. Status: Approved Denied by DWR/GMD Dismiss by Request/Failure to Return

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

<p>7a. Applicant(s) Person ID <u>65298</u> New to system <input type="checkbox"/> Add Seq# _____</p> <p>SHARON M BLANK REV TRUST 116 E 108TH AVE HUTCHINSON KS 67502</p>	<p>7c. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>
<p>7b. Landowner(s) Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p> <p>7a.</p>	<p>7d. Misc. Person ID _____ New to system <input type="checkbox"/> Add Seq# _____</p>

<p>8. WUR Correspondent Person ID _____ New to system <input type="checkbox"/> Add Seq# _____ Overlap File (s) WUC Notarized WUC Form <input type="checkbox"/> Agree <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>7a.</p>	<p>9. Use of Water: Changing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water</p> <p><input checked="" type="checkbox"/> IRR <input type="checkbox"/> REC <input type="checkbox"/> DEW <input type="checkbox"/> MUN</p> <p><input type="checkbox"/> STK <input type="checkbox"/> SED <input type="checkbox"/> DOM <input type="checkbox"/> CON</p> <p><input type="checkbox"/> HYD DRG <input type="checkbox"/> WTR PWR <input type="checkbox"/> ART RECHRG</p> <p><input type="checkbox"/> IND SIC: _____ <input type="checkbox"/> OTHER: _____</p>
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10. Completion Date: **12/31/2018** 11. Perfection Date: **12/31/2022** 12. Exp Date: _____

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

14. Water Level Measuring Device? Yes No Date to Comply: _____ Date WLMD Installed: _____

Date Prepared: **10/11/2017** By: **AM**
Date Entered: *10/31/2017* By: *UM*

File No. **49,805** 15. Formation Code: **190** Drainage Basin: Cow Creek County: RN Special Use: Stream:

16. Points of Diversion									
T MOD DEL ENT	PDIV	Qualifier	S	T	R	ID	'N	'W	
MOD	40770	SW NE NW	18	22S	6W	6	4227	3774	

17. Rate and Quantity				
Authorized		Additional		
Rate gpm	Quantity af	Rate gpm	Quantity af	Overlap PD Files
800	184	50	63	41,316
	189		68	

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

19. Limitation: _____ af/yr at 800 gpm (1.78 cfs) when combined with file number(s) 41316
 Limitation: 184 af/yr at _____ gpm (_____ cfs) when combined with file number(s) 16958 & 41316

20. Meter Required? Yes No To be installed by 12/31/2017 2018 Date Acceptable Meter Installed _____

21. Place of Use										Total	Owner	Chg? NO	Overlap Files													
T MOD DEL ENT	PUSE	S	T	R	ID	NE¼								NW¼				SW¼				SE¼				
						NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼	NE ¼	NW ¼	SW ¼	SE ¼					
MOD	32567	18	22S	6W	3																					

Comments:

KANSAS DEPARTMENT OF AGRICULTURE
Division of Water Resources

M E M O R A N D U M

TO: Files

DATE: October 11, 2017

FROM: Austin McColloch

RE: New Application,
File No. 49,805

Sharon Blank has filed an application to appropriate groundwater for irrigation use, requesting a quantity of 189 acre-feet of water per calendar year, and a diversion rate of 800 gallons per minute.

This is a complete overlap in point of diversion and place of use with Water Right, File No. 41,316 and an overlap of place of use with Water Right File No. 16,958 & New Application File No. 49,806. The proposed place of use of 135 acres located in the Northwest Quarter of Section 18. The proposed quantity of 189 acre-feet per calendar year provides 1.4 acre-feet per acre, making it within the reasonable quantity for Reno County (1.4). The quantity will be limited to 189 acre-feet when combined with Water Right, File No. 16,958 & 41,316 which is authorized 22 acre-feet and 99 acre-feet respectively. This provides 68 additional quantity appropriated under the new application. The rate will be limited to 800 gallons per minute when combined with Water Right, File No. 41,316. Water Right, File No. 41,316 is authorized 750 gallons per minute, this provides 50 additional gallons per minute authorized under the new application.

The proposed point of diversion is an existing well located in the Southwest Quarter of the Northeast Quarter of the Northwest Quarter (SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 18, more particularly described as being near a point 4,227 feet North and 3,774 feet West of the Southeast corner of said section, in Township 22 South, Range 6 West, Reno County, Kansas, within the Cow Creek drainage basin.

The applicant identified three nearby wells not owned by the applicant located within one-half mile of this existing well. Nearby letters were sent out on July 7, 2017 notifying about the proposed change in place of use and new applications. One call was received showing concern of the new appropriation but no formal opposition in writing was received.

The point of diversion is located within the boundaries of Equus Beds Groundwater Management District No. 2. K.A.R. 5-22-7 applies to safe yield evaluation in GMD 2. One of the specific criteria is to determine the extent of the unconfined aquifer, it was determined that the entire two mile circle should be considered, providing 8,042 acres. Per GMD No. 2 evaluation it was determined that safe yield allowable appropriation is 4,012 acre-feet. Total existing appropriations in the area of consideration is 3,343 acre-feet leaving 669 acre-feet available for appropriation. Thus, the application meets safe yield.

In a letter dated September 25, 2017, Tim Boese, Manager, GMD No. 2, stated that the application complies with all rules and regulations of the GMD and recommended that the application be approved.

In an email dated October 10, 2017 e-mail, Jeff Lanterman, Water Commissioner, Stafford Field Office, recommended approval of the application.

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.

Based on the above discussion, the area is open to new appropriations, the application complies with safe yield and well spacing criteria, 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.



Austin McColloch
Environmental Scientist

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



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

Jackie McClaskey, Secretary

Governor Sam Brownback

SHARON M BLANK REV TRUST
116 E 108TH AVE
HUTCHINSON KS 67502

November 3, 2017

FILE COPY

RE: Appropriation of Water, File Nos. 49,805 & 49,806

Dear Sir or Madam:

There are enclosed permits to appropriate water authorizing you 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), to divert such unappropriated water as may be available from the source and at the location specified in the permits, and to use it for the purpose and at the location described in the permits.

Your attention is directed to the enclosures and to the terms, conditions, and limitations specified in these permits. 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 these permits. 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 set forth in the permits 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 these permits. Failure to comply with this regulation will result in the dismissal of your permit or your water right. Any request for 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 establish the extent of your water right.

If you have any questions, please contact me at (785) 564-6640. If you wish to discuss a specific file, please have the file number ready to that we may help you more efficiently.

Sincerely,

Kristen A. Baum
New Application Unit Supervisor
Water Appropriation Program

KAB:am

Enclosures

pc: Stafford Field Office
Groundwater Management District No. 2

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

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

FILE COPY

This is to certify that I have examined Application, **File No. 49,805** of the applicant

SHARON M BLANK REV TRUST
116 E 108TH AVE
HUTCHINSON KS 67502

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 **March 27, 2017**.
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	
18 22S 6W					40.0	Lot 1 36.0	Lot 2 24.5	34.5									135

3. That the authorized source from which the appropriation shall be made is groundwater, to be withdrawn by means of one (1) well located in the Southwest Quarter of the Northeast Quarter of the Northwest Quarter (SW¼ NE¼ NW¼) of Section 18, more particularly described as being near a point 4,227 feet North and 3,774 feet West of the Southeast corner of said section, in Township 22 South, Range 6 West, Reno County, Kansas, located substantially as shown on the topographic map accompanying the application.

4. That the appropriation sought shall be limited to a maximum diversion rate not in excess of **800 gallons per minute (1.78 c.f.s.)** and to a quantity not to exceed **189 acre-feet** of water for any calendar year.

5. That installation of works for diversion of water shall be completed on or before **December 31, 2018**, or within any authorized extension thereof. The applicant shall notify the Chief Engineer and pay the statutorily required field inspection fee, which is currently \$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 accompanied by the required statutory fee, which is currently \$100.00.

6. That the proposed appropriation shall be perfected by the actual application of water to the proposed beneficial use on or before **December 31, 2022**, or any authorized extension thereof. Any request for an extension of time shall be submitted prior to the expiration of the deadline and shall be accompanied by the required statutory fee, which is currently \$100.00.

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

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

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

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

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

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

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

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

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

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

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

18. That the rate of diversion of water approved under this permit is further limited to the rate which combined with Water Right, File No. 41,316, will provide a total **not to exceed 800 gallons per minute** (1.78 c.f.s.) from the authorized point of diversion.

19. That the quantity of water approved under this permit is further limited to the quantity which combined with Water Right, File Nos. 16,958 and 41,316, will provide a total **not to exceed 189 acre-feet** of water per calendar year, for irrigation use on the land described herein.

RIGHT TO A HEARING AND TO ADMINISTRATIVE REVIEW

If you are aggrieved by this Order, then pursuant to K.S.A. 82a-1901, you may:

- 1) request an evidentiary hearing before the Chief Engineer, or
- 2) request administrative review by the Secretary of Agriculture.

Failure to request an evidentiary hearing before the Chief Engineer does not preclude your right to administrative review by the Secretary.

To obtain an evidentiary hearing before the Chief Engineer, a written request for hearing must be filed within 15 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 18 days after this Order was mailed to you**), with: Kansas Department of Agriculture, Attn: Legal Section, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If you do not file a request for an evidentiary hearing before the Chief Engineer, you may petition for administrative review of the Order by the Secretary of Agriculture. A petition for review shall be in writing and state the basis for requesting administrative review. The request for hearing may be denied if the request fails to clearly establish factual or legal issues for review. See K.S.A. 77-527. The petition must be filed within 30 days after service of this Order as provided in K.S.A. 77-531 (**i.e., within a total of 33 days after this Order was mailed to you**), and be filed with: Secretary of Agriculture, Attn: Legal Division, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, KS 66502, FAX (785) 564-6777.

If neither a request for an evidentiary hearing nor a petition for administrative review is filed as set forth above, then this Order shall be effective and become a final agency action as defined in K.S.A. 77-607(b). Failure to timely request either an evidentiary hearing or administrative review may preclude further judicial review under the Kansas Judicial Review Act.

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

Ordered this 30th day of October, 2017, in Topeka, Shawnee County, Kansas.

Lane P. Letourneau

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

State of Kansas)
) SS
County of Riley)

The foregoing instrument was acknowledged before me this 30th day of October, 2017, by Lane P. Letourneau, P.G., Program Manager, Division of Water Resources, Kansas Department of Agriculture.

Danielle Wilson

Notary Public



CERTIFICATE OF SERVICE

On this 3rd day of November, 2017, I hereby certify that the foregoing Approval of Application, File No. 49,805, dated October 30th was mailed postage prepaid, first class, US mail to the following:

SHARON M BLANK REV TRUST
116 E 108TH AVE
HUTCHINSON KS 67502

With photocopies to:

Stafford Field Office

Groundwater Management District No. 2

Danielle Wilson

Division of Water Resources

APPLICATION COMPLETE

10/10/17
Reviewer AM



THE STATE OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

File Number 49,805
This item to be completed by the Division of Water Resources.

WATER RESOURCES
RECEIVED

APPLICATION FOR PERMIT TO
APPROPRIATE WATER FOR BENEFICIAL USE

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

MAR 27 2017
1:47
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): Sharon M. Blank Revocable Trust
Address: 116 E. 108th Ave.
City: Hutchinson State KS Zip Code 67502
Telephone Number: (620) 662-3543

2. The source of water is: surface water in _____ (stream)
OR groundwater in Arkansas River - Equus Beds (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 159 ^{LTD} ~~100-2~~ acre-feet OR _____ gallons per calendar year, to be diverted at a maximum rate of 800 ^{LTD} 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 2 Meets K.A.R. 5-3-1 (YES/NO) Use IRR Source G S County KN By AJW Date 3/27/17
Code RE2 Fee \$ 300 TR # _____ Receipt Date 3/27/17 Check # 6019

*AM per phone call
w/ applicant on 10/24/17

SCANNED

4/3/2017 ULM

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

* Per GMD review & inspection

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

- (A) One in the SW quarter of the NE quarter of the NE-NW ^{NW} quarter of Section 18, more particularly described as being near a point 4227 ³⁹⁶⁰ feet North and 3774 ³⁹⁰⁰ feet West of the Southeast corner of said section, in Township 22 South, Range 6W East/West (circle one), RENO County, Kansas.
- (B) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (C) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.
- (D) One in the _____ quarter of the _____ quarter of the _____ quarter of Section _____, more particularly described as being near a point _____ feet North and _____ feet West of the Southeast corner of said section, in Township _____ South, Range _____ East/West (circle one), _____ County, Kansas.

KAB/DWR 10-26-17

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):

Sharon M. Blank Revocable Trust, 116 E. 108th Ave. Hutchinson, KS 67502. 620-662-3543

(name, address and telephone number)

(name, address and telephone number)

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

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

Executed on 3-24, 2017.

Sharon M. Blank
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 1 well

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

and (was)(will be) completed (by) 10/7/1994 under Water Permit No. 41316

(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 July 1, 2017

(Mo/Day/Year)

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

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

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

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

• If yes, show the Water Structures permit number here NA

• If no, explain here why a Water Structures permit is not required NA

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.

Overlapping point of diversion with No. 41316.

Overlapping place of use with Nos. 16958, 41316, and another new application.

New application limited to 193.2 AF when combined with Nos. 16958, 41316, and other new application.

Also limited to 800 GPM when combined with No. 41316

WATER RESOURCES
RECEIVED

MAR 27 2017

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	10/7/1994	_____	_____	_____
Total depth of well	62'	_____	_____	_____
Depth to water bearing formation	10'	_____	_____	_____
Depth to static water level	10'	_____	_____	_____
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):

Sharon M. Blank Revocable Trust, 116 E. 108th Ave., Hutchinson, KS 67502. 620-662-3543
(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 Halstead, Kansas, this 24 day of March, 2017.
(month) (year)


(Applicant Signature)

By _____
(Agent or Officer Signature)

(Agent or Officer - Please Print)

Assisted by T. Boese GMD2 Date: 3/24/2017
(office/title)

IRRIGATION USE SUPPLEMENTAL SHEET

File No. 49,805

Name of Applicant (Please Print): Sharon M. Blank Revocable Trust, c/o Sharon M. Blank

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: Sharon M. Blank Revocable Trust

ADDRESS: 116 E. 108th Ave. Hutchinson, KS 67502

S	T	R	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
18	22	6W					40	38	24.5	35.5									138
								36 Lot 1		34.5 Lot 2									135

* Am
per phone
call w/
applicant
on 10/24/17

Landowner of Record NAME: _____

ADDRESS: _____

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

Landowner of Record NAME: _____

ADDRESS: _____

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

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

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

Soil Name	Percent of field (%)	Intake Rate (in/hr)	Irrigation Design Group
<u>Nickerson loamy fine sand</u>	<u>56</u>	<u>.6-2</u>	<u>9</u>
<u>Saltcreek/Naron fs loams</u>	<u>44</u>	<u>.06-2</u>	<u>7</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Total:	100 %		

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

Estimate the maximum land slope in the field(s): 1 %

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: Center pivot, possibly SDI

d. System design features:

i. Describe how you will control tailwater: Will schedule and apply irrigation to eliminate runoff

ii. For sprinkler systems:

(1) Estimate the operating pressure at the distribution system: 40 psi

(2) What is the sprinkler package design rate? 750 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? unknown feet

(4) Please include a copy of the sprinkler package design information. NOT available

e. Crop(s) you intend to irrigate. Please note any planned crop rotations: Corn, Milo, Soybeans, Wheat

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.

McColloch, Austin

From: Lanterman, Jeff
Sent: Tuesday, October 10, 2017 3:30 PM
To: McColloch, Austin
Cc: Conant, Cameron
Subject: FW: Package Sharon Blank Change & New Apps
Attachments: 16958_Memo.doc; 41316_Memo.doc; 49805_Memo.doc; 49806_Memo.doc; 16958 & 49806 map.pdf; 41316 & 49805 map.pdf

Austin. This package of changes and new apps appears to be pretty safe. Luckily we have a measured well handy if we have any problems.

I recommend approval.

Thanks
Jeff

From: Conant, Cameron
Sent: Monday, October 9, 2017 10:12 AM
To: Lanterman, Jeff <Jeff.Lanterman@ks.gov>
Subject: FW: Package Sharon Blank Change & New Apps

Jeff, here is a quick summary: 16958 is authorized only 14 acres and 22AF (2 owners). 41316 is authorized a different 105 acres and 99AF. The applicant is proposing p/u changes on both existing rights to completely overlap 138 acres owned by a single owner as well as new applications for additional rate and quantity from both existing wells to total a limited 1.4AF/acre. Both new apps propose 193.2 AF limited to 193.2 AF when combined with all the other files.

Per GMD#2 this meets spacing, SY, ect. It appears that all nearby wells were noted on the map. Please note that 16958 currently is located ~750' from a domestic well. Currently the well is authorized to pump 22AF @ 800gpm. This proposal would allow this well to pump 193.2AF @ 800gpm from this well (WRIS shows they do pump this well at near the full quantity of 22AF almost every year and report 550gpm).

http://hercules.kgs.ku.edu/geohydro/wizard/wizardwelldetail.cfm?usgs_id=380825098015601 (this is the well authorized by 16958 & 49806) 50' deep. Pretty handy to have this on the network!!! Shows pretty stable water levels at this time (again, pumping 22AF from this well, not 193.2AF)

Nearby domestic wells appeared to be drilled from 37'-50' deep and are completed in medium sand. Other area wells appear to be drilled to 70-80' depth and are still in sand.

I think this whole package can be recommended for approval based on meeting all current regulations and requirements. Honestly, I don't like how close we are to the domestic well south of 16958 & 49806 simply b/c of the increased quantity that could be pumped from this well. I doubt they pump the full quantity from this well, likely it will be a split between the two wells, but if approved they have the legal ability to pump the full 193.4AF from that well. Do you want to request an OBS well 660' straight south of 16958, or with the current water level and annual measurement are you inclined to go with what we have? I would love to clean this whole thing up and dismiss the two senior files but we can't really request that be done. Once certified we will have odd quantities and rates on the junior and senior files but we (and they) are probably just going to have to live with that aspect.

Please pass on to Austin if you agree that both new apps and the p/u changes and the p/d location modification can be approved. If you want we can discuss additional conditions about a monitoring well.

Cameron

From: McColloch, Austin

Sent: Thursday, September 28, 2017 10:39 AM

To: Lanterman, Jeff <Jeff.Lanterman@ks.gov>

Cc: Conant, Cameron <Cameron.Conant@ks.gov>

Subject: Package Sharon Blank Change & New Apps

Jeff and Cameron,

Attached are my draft memos for Change in PU Applications, File Nos. 16,958 & 41,316 and New Applications, File Nos. 49,805 & 49,806. They all will create a complete overlap in Place of Use. 49,806 will overlap in PD with 16,958; and 49,805 will overlap in PD with 41,316. Per GMD 2 review and GPS compliance check, File No. 41,316 (and New App 49,805) the actual PD should be 4227'N and 3774'W, and requested to be described better in the change order. Let me know if you have any questions.

Thanks,

Austin McColloch
Environmental Scientist
Ph: (785) 564-6643

JEFF WINTER, PRESIDENT
VIN KISSICK, VICE PRESIDENT
ALAN BURGHART, SECRETARY
MIKE MCGINN, TREASURER
TIM BOESE, MANAGER
THOMAS A. ADRIAN, ATTORNEY



DIRECTORS:
DAVID BOGNER
JOE PAJOR
DALE SCHMIDT
BOB SEILER
DAVID STROBERG

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 SPRUCE STREET • HALSTEAD, KANSAS 67056-1925 • PHONE (316) 835-2224 • FAX (316) 835-2225 • equusbeds@gmd2.org • www.gmd2.org

September 25, 2017

Chief Engineer, Division of Water Resources
Attn: Austin McColloch
1320 Research Park Dr.
Manhattan, KS 66502

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KS DEPT OF AGRICULTURE

Re: Appropriation Application File No. 49805 – Sharon M. Blank Rev. Tr.

Dear Mr. McColloch:

The Equus Beds Groundwater Management District No. 2 reviewed the referenced application on September 25, 2017, using the District's Revised Management Program (effective May 1, 1995), and Rules and Regulations K.A.R. 5-22-1 through 5-22-17.

The District's review found that the proposed point of diversion for Application No. 49805 is identical to the currently authorized well location for Water Right No. 41316, and that the place of use described in Application No. 49805 will form a complete overlap in place of use with the pending change applications filed on Water Right Nos. 16958 & 41316, and with pending Application No. 49806. Additionally, a District GPS of the actual location of the well authorized by Water Right No. 41316 and proposed by Application No. 49805 is more accurately described as 4,227' N & 3,774' W of Section 18-22S-6W, Reno County.

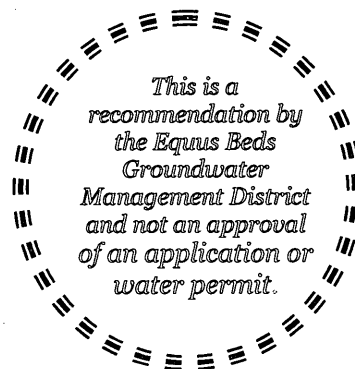
Subject to the correction of the proposed well location, the application complies with the Revised Aquifer Management program approved by the Chief Engineer and with the District's Rules and Regulations K.A.R. 5-22-1 through 5-22-17. Therefore, the application is recommended for approval by the Equus Beds Groundwater Management District No. 2, subject to the following:

1. The proposed well location is modified to the actual well location of 4,227' N & 3,774' W of Section 18-22S-6W, Reno County.
2. The quantity is limited to 193.2 AF/Y when combined with Water Right Nos. 16958 & 41316; and
3. The rate is limited to 800 GPM when combined with Water Right No. 41316.

A District decision may be appealed to the District Board of Directors by submitting a written petition to the District office within 30 days from date of this notification, pursuant to K.A.R. 5-22-12.

Sincerely,
EQUUS BEDS GROUNDWATER
MANAGEMENT DISTRICT NO. 2

Tim Boese
Manager
TDB/sf
Enclosures



pc: Sharon M. Blank Rev. Trust, Applicant and Landowner
Jeff Lanterman, Division of Water Resources, Stafford

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2 FINAL APPLICATION REVIEW CHECKLIST

1) Application No. 49805 Date filed: 3/27/2017
 2) Applicant: Sharon M. Blank Revocable Trust County: Reno
 3) Proposed maximum quantity: 193.2 acre-feet/year Rate: 800 GPM
 4) Proposed Use: Irrigation
 5) P/D location: NC NW 18-22S-6W: North 3960 (4227) ft, West 3900 (3774) ft
 6) Number and type of points of diversion listed on the application 1 Well

7) Meter required K.A.R. 5-22-4a or K.A.R. 5-22-8? Yes No, Why _____

8) Meets Safe Yield K.A.R. 5-22-7? Yes No N/A

(a) Total allowable appropriations: 4019.00 (4012.00 at actual well location) af/yr
 (b) Total existing appropriations: 3624.4 (3343.00 at actual well location) af/yr
 (c) Total small user exemptions: 0.00 af/yr
 (d) Total non-consumptive use: 0.00 af/yr
 (e) Total consumptive use: 3624.40 (3343.00 at actual well location) af/yr
 (Total existing appropriations) - (Total non-consumptive use)
 (f) exempt from regulation? Yes No,
 Cite exemption: _____

9) Meets Well Spacing K.A.R. 5-22-2? Yes No N/A

(a) POD in enhanced well spacing area? Yes No
 (b) Domestic well spacing interval: >660 ft
 (c) Non-Domestic well spacing interval: >1320* ft

10) Meets Max Reasonable Quantity K.A.R. 5-22-14? Yes No N/A

(a) Irrigation max quantity: 1.4** acre-feet / acre
 application paragraph 3 value (acre-feet) / proposed acres = Q
 (b) Stockwater max quantity: _____ GPD _____ unit
 (c) Industry max quantity: _____ Acre
 Industry standard: _____
 (d) Municipal max quantity: _____ GCD
 Lesser of either 200 GCD or
 $1.10 * (X - Y) * 365 d * (z + t)$
 X - Average of last three years usage in Gallons per Capita per Day (GCD)
 Y - water usage for industries that use over 200,000 gal/yr (GCD)
 Z - Projected population in 20 years
 T - Reasonable projected water use for industries that use over 200,000 gallons per year (GCD)
 (e) Pond max quantity is _____
 (Net evap + seepage)/12 x pond area + any initial fill
 (f) Groundwater pit max Q: _____
 Net evap * pit area/12

11) Reasonable rate for intended use? Yes No N/A

12) Depth to water: 8 bls at observation well: EB260C

13) Date reviewed: S. Flaherty

14) Reviewed by: 9/25/17

Title: Hydrogeologist

*Renewed 9-25-17
T-D*

15) District recommendation:

Approve Deny

Other, see comment

16) Comments and Calculations:

Review complete for a new application submitted by Sharon M. Blank Rev. Tr. for Irrigation Use in Reno County
 Identical Overlapping Place of Use with change apps filed on 16958 & 41316, and new application 49806
 Overlapping Point of Diversion with 41316
 Surrounding Well Owner Notifications sent and no nearby well owner inquiries
 Quantity Limited to 193.2 AF when combined with 16958 and 41316. Rate Limited to 800 GPM when Combined with 41316
 No Special Use Areas or IGUCAs

* Proposed PD location does not meet 1320 feet minimum spacing requirement to No. 16958 PD. GPS of No. 41316 actual well (No. 48905 proposed well) shows actual location is 4227' N & 3774' W, which is 1320 feet from No. 16958 well

** 193.2 acre feet / 138 acres = 1.4 AF/ac

Complies with K.A.R. 5-22-2 through 5-22-17, subject to correcting proposed PD to actual location at 4227' N & 3774' W, and limitation of 193.2 AF when combined with Nos. 16958 & 41316, and 800 GPM with No. 41316.

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INPUTS	
Target Section Definition	
Section	18
Township	22
Range	6
Range Direction	W
Target Point Coordinates (NAD27 or NAD83)	
Target Longitude	-98.027190 NAD27
Target Latitude	38.141200

Load Data and Compute

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

Longitude changed
Latitude changed

Water Right No. 41316 well

UTM - NAD27
585249
4221723

8/24/2017

Loaded Section Data From LEOBASE using NAD83		
Corner	Corner Latitudes	Corner Longitudes
SW	38.12995513	-98.03204057
NW	38.14448097	-98.03213160
NE	38.14429791	-98.01435476
SE	38.12960393	-98.01440086
Degrees Longitude per Foot		3.47663827E-06
Degrees Latitude per Foot		2.74602635E-06
Target Point Distances from Corners using NAD83		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	4095	-1395
NW	-1195	-1421
NE	-1128	3692
SE	4223	3679

Loaded Section Data From LEOBASE using NAD27		
Corner	Corner Latitudes	Corner Longitudes
SW	38.12994400	-98.03170800
NW	38.14447000	-98.03179900
NE	38.14428700	-98.01402300
SE	38.12959300	-98.01406900
Degrees Longitude per Foot		3.47663775E-06
Degrees Latitude per Foot		2.74598553E-06
Target Point Distances from Corners using NAD27		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	4099	-1300
NW	-1191	-1326
NE	-1124	3787
SE	4227	3774

Difference (NAD83 Minus NAD27)		
Corner	Corner Latitudes	Corner Longitudes
SW	0.00001113	-0.00033257
NW	0.00001097	-0.00033260
NE	0.00001091	-0.00033176
SE	0.00001093	-0.00033186
Difference (NAD83 Minus NAD27)		
Corner	Feet North(+)/South(-)	Feet East(-)/West(+)
SW	-4.11407061	-95.65830451
NW	-3.97715918	-95.66692961
NE	-3.95630021	-95.42608335
SE	-4.04313845	-95.45484478

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SAFEYIELD EVALUATION NO 49805

LOCATION: SWNENW (4227'N & 3774'W) 18-22S-06W, Reno County

SPECIAL USE AREA: None

EVALUATION DATE:- 9/21/2017

Total Areas: 8,024 acres; Area in 3 inch discharge zone: 0 acres; Area in 6 inch discharge zone: 8,024 acres

FILE_ID	WELL_ID	TOWNSHIP	RANGE	SECTION	QUALIFIER	USE	AUTHQUANTITY
A01695800	586	22S	06W	18	39975074	IRR	22
A02371500	177	22S	07W	12	13201295	IRR	130
A03047000	1192	22S	07W	14	39603960	IRR	195
A03442700	1810	22S	07W	23	23751225	IRR	158
A03652700	570	22S	06W	6	26283925	IRR	177
A03756700	834	22S	07W	24	9574290	IRR	105
A03928100	2139	22S	07W	13	13203960	IRR	234
A04131600	709	22S	06W	18	39603900	IRR	99
A04170400	2182	22S	07W	12	13201295	IRR	72.5
A04186600	2214	22S	07W	1	33301685	REC	15
A04195800	2238	22S	07W	12	39891300	IRR	198
A04204100	2252	22S	07W	11	39891380	IRR	97.5
A04289800	2481	22S	07W	13	44203700	IRR	100
A04443750	2859	22S	06W	18	25320500	DOM	1
A04477500	2887	22S	07W	11	10991379	IRR	175
A04477900	2888	22S	07W	11	39891380	IRR	91
A04577300	3132	22S	06W	7	13201320	IRR	184.8
A04577500	3134	22S	06W	7	13204000	IRR	92.4
A04578600	3138	22S	06W	7	13273881	IRR	88.9
A04638900	3341	22S	06W	20	44001000	IRR	65.8
A04675800	3450	22S	06W	9	5815176	IRR	153
A04676200	3451	22S	06W	17	13103982	IRR	166
A04677900	3456	22S	06W	8	14091285	IRR	182
A04686600	3467	22S	07W	12	28443405	IRR	184.8
A04697100	3487	22S	06W	17	37434296	IRR	102
A04823600	3994	22S	07W	14	13201320	IRR	182
A04980500P	4966	22S	06W	18	39603900	IRR	71.3
A04980600P	4967	22S	06W	18	39975074	IRR	0
Allowable Appropriations		4,012.00			Total Existing Appropriation		3,343.00
Small User Quantity		0			Non Consumptive Appropriations		0
Remaining SUQ		45			Consumptive Appropriations		3,343.00
<i>Note- Values are in acre-feet</i>					Available Appropriations		669.00

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PRELIMINARY SAFEYIELD EVALUATION NO 49805
LOCATION: NESWNW (3960'N & 3900'W) 18-22S-06W, Reno County
SPECIAL USE AREA: None
EVALUATION DATE:- 9/21/2017

Total Areas: 8,038 acres; Area in 3 inch discharge zone: 0 acres; Area in 6 inch discharge zone: 8,038 acres

FILE_ID	WELL_ID	TOWNSHIP	RANGE	SECTION	QUALIFIER	USE	AUTHQUANTITY
A01695800	586	22S	06W	18	39975074	IRR	22
A02371500	177	22S	07W	12	13201295	IRR	130
A03047000	1192	22S	07W	14	39603960	IRR	195
A03442700	1810	22S	07W	23	23751225	IRR	158
A03652700	570	22S	06W	6	26283925	IRR	177
A03756700	834	22S	07W	24	9574290	IRR	105
A03928100	2139	22S	07W	13	13203960	IRR	234
A04012200	1807	22S	06W	29	51034861	IRR	152
A04131600	709	22S	06W	18	39603900	IRR	99
A04170400	2182	22S	07W	12	13201295	IRR	72.5
A04186600	2214	22S	07W	1	33301685	REC	15
A04195800	2238	22S	07W	12	39891300	IRR	198
A04204100	2252	22S	07W	11	39891380	IRR	97.5
A04289800	2481	22S	07W	13	44203700	IRR	100
A04443750	2859	22S	06W	18	25320500	DOM	1
A04477500	2887	22S	07W	11	10991379	IRR	175
A04477900	2888	22S	07W	11	39891380	IRR	91
A04577300	3132	22S	06W	7	13201320	IRR	184.8
A04577500	3134	22S	06W	7	13204000	IRR	92.4
A04578600	3138	22S	06W	7	13273881	IRR	88.9
A04638900	3341	22S	06W	20	44001000	IRR	65.8
A04675800	3450	22S	06W	9	5815176	IRR	153
A04676200	3451	22S	06W	17	13103982	IRR	166
A04677900	3456	22S	06W	8	14091285	IRR	182
A04686600	3467	22S	07W	12	28443405	IRR	184.8
A04697100	3487	22S	06W	17	37434296	IRR	102
A04823600	3994	22S	07W	14	13201320	IRR	182
A04929900	4839	22S	06W	29	51034861	IRR	129.4
A04980500P	4966	22S	06W	18	39603900	IRR	71.3
A04980600P	4967	22S	06W	18	39975074	IRR	0
Allowable Appropriations		4,019.00			Total Existing Appropriation		3,624.40
Small User Quantity		0			Non Consumptive Appropriations		0
Remaining SUQ		45			Consumptive Appropriations		3,624.40
Note- Values are in acre-feet					Available Appropriations		394.60

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SEP 27 2017

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JEFF WINTER, PRESIDENT
VIN KISSICK, VICE PRESIDENT
ALAN BURGHART, SECRETARY
MIKE MCGINN, TREASURER
TIM BOESE, MANAGER
THOMAS A. ADRIAN, ATTORNEY



DIRECTORS:
DAVID BOGNER
JOE PAJOR
DALE SCHMIDT
BOB SEILER
DAVID STROBERG

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 SPRUCE STREET • HALSTEAD, KANSAS 67056-1925 • PHONE (316) 835-2224 • FAX (316) 835-2225 • equusbeds@gmd2.org • www.gmd2.org

September 25, 2017

Sharon M. Blank Rev. Tr.
116 E. 108th Ave.
Hutchinson, KS 67502

Re: Water Right No. 41316 & New Application No. 49805

Dear Ms. Blank:

The Equus Beds Groundwater Management District No. 2 made a recommendation to the Division of Water Resources that change in place of use Application No. 41316 & new Application No. 49805 be approved. Pursuant to K.A.R. 5-22-4a, the well described in the applications must be equipped with a District approved water flowmeter: The well is located in the Southwest Quarter of the Northeast Quarter of the Northwest Quarter (aka near the center of the Northwest quarter) of Section 18, Township 22 South, Range 6 West, Reno County.

The well must be properly equipped with an approved meter within 30 days after the approved well is operational and prior to the operation of the well. If more time is needed to install the meter or modify an existing meter installation, you may request an extension of time. The request must be made to the District before the end of the 30-day period.

Enclosed is a Flow Meter Installation form to be completed and returned to this office after completion of the meter installation or modification. A copy of the Division of Water Resources' meter installation notification form (Notice and Proof of Completion of Works) may be substituted for the District form. Upon receiving the completed form, the District will inspect the installation.

Also enclosed is a copy of water meter and installation specifications. The water meters must meet these specifications and the list of certified water meters provided under K.A.R. 5-1-12, for District approval. The list of certified water meters can be obtained by contacting the District or at following link: <http://agriculture.ks.gov/divisions-programs/dwr/water-appropriation/water-flowmeters>. If you have any questions about the District's metering program or the enclosed material, please contact the District for assistance.

Sincerely,
EQUUS BEDS GROUNDWATER
MANAGEMENT DISTRICT NO. 2

Tim Boese
Manager
TDB/sf

Enclosures

Pc: Jeff Lanterman, Division of Water Resources, Stafford



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

FILE COPY

August 1, 2017

EQUUS BEDS
GROUNDWATER MANAGEMENT DISTRICT #2
313 SPRUCE ST
HALSTEAD, KS 67056

Re: Change Application, File Nos. 16,958 & 41,316
New Application, File Nos. 49,805 & 49, 806

Dear Sir or Madam:

Enclosed are copies of the referenced applications, which were submitted by Sharon Blank and appear to be in proper form, for your review. The water is to be used for irrigation use.

We are delaying any further action for a period of 15 days from the date of this letter to allow you time to submit your recommendations concerning these applications. Please submit your recommendations within the allotted time, or any authorized extension of time thereof.

If you have any questions, please contact me at (785) 564-6643. If you wish to discuss a specific file, please have the file number ready to that I may help you more efficiently.

Sincerely,

Austin McColloch
Environmental Scientist
Water Appropriation Program

Enclosures
pc: Stafford Field Office

SCANNED



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

July 7, 2017

CROSSCREEK PARTNERS LLC
C/O PEOPLES BANK & TRUST
601 E 30TH ST
HUTCHINSON KS 67502

FILE COPY

Re: New Application, File Nos. 49,805 & 49,806
Change Application, File Nos. 16,958 & 41,316

Dear Sir or Madam:

This is to advise you that Sharon Blank has filed the applications referred to above for permit to appropriate 193.2 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute from two (2) existing wells located as follows:

one (1) well located near the center of the Northwest Quarter (NW $\frac{1}{4}$) of Section 18, more particularly described as being near a point 3,960 feet North and 3,900 feet West of the Southeast corner of said section, in Township 22 South, Range 6 West, Reno County, Kansas.

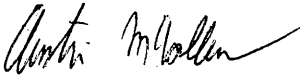
one (1) well located in the Southwest Quarter of the Northwest Quarter of the Northwest Quarter (SW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 18, more particularly described as being near a point 3,997 feet North and 5,074 feet West of the Southeast corner of said section, in Township 22 South, Range 6 West, Reno County, Kansas.

Sharon Blank has also filed with the Division of Water Resources, Kansas Department of Agriculture, applications to change the place of use pursuant to Water Right, File Nos. 16,958 & 41,316. The applicant proposes to change the authorized place of use to 138 acres in Section 18, Township 22 South, Range 6 West, Reno County, Kansas.

A copy of an aerial photograph depicting the location of the proposed points of diversion and place of use is also enclosed. 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(s) of the applicant's point(s) 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, please contact me at (785) 564-6643. If you call, please reference the file number so we can help you more efficiently.

Sincerely,


Austin J. McColloch
Environmental Scientist
Water Appropriation Program

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

July 7, 2017

GALEN MOORE REV TRUST
7517 N DEAN RD
NICKERSON KS 67561

Re: New Application, File Nos. 49,805 & 49,806
Change Application, File Nos. 16,958 & 41,316

Dear Sir or Madam:

This is to advise you that Sharon Blank has filed the applications referred to above for permit to appropriate 193.2 acre-feet of water per calendar year for irrigation use to be diverted at a maximum rate of 800 gallons per minute from two (2) existing wells located as follows:

one (1) well located near the center of the Northwest Quarter (NW $\frac{1}{4}$) of Section 18, more particularly described as being near a point 3,960 feet North and 3,900 feet West of the Southeast corner of said section, in Township 22 South, Range 6 West, Reno County, Kansas.

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Austin J. McColloch
Environmental Scientist
Water Appropriation Program

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2



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

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

Jackie McClaskey, Secretary

Governor Sam Brownback

July 7, 2017

MOORE TRUST
8115 N DEAN RD
NICKERSON KS 67561

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Change Application, File Nos. 16,958 & 41,316

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Sincerely,

Austin J. McColloch
Environmental Scientist
Water Appropriation Program

Enclosure(s)

pc: Stafford Field Office
Groundwater Management District No. 2

3-24-17
(Date)

Kansas Department of Agriculture
Division of Water Resources
David W. Barfield, Chief Engineer
1320 Research Park Drive
Manhattan, Kansas 66502

Re: Application File No. 49,805

Minimum Desirable Streamflow

Dear Sir:

I understand that a Minimum Desirable Streamflow requirement has been established by the legislature for the source of supply to which the above referenced application applies.

I understand that diversion of water pursuant to this application will be subject to regulation any time Minimum Desirable Streamflow requirements are not being met.

I also understand that if this application is approved, there could be times, as determined by the Division of Water Resources, when I would not be allowed to divert water. I realize that this could affect the economics of my decision to appropriate water.

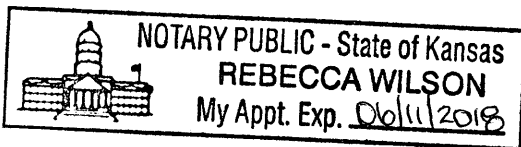
I am aware of the above factors, and with the knowledge thereof, request that the Division of Water Resources proceed with processing and approval, if possible, of the above referenced application.

Sharon M. Blank, Trustee
Signature of Applicant

State of Kansas)
County of HARVEY) ss

Sharon M. Blank, Trustee
(Print Applicant's Name)

I hereby certify that the foregoing instrument was signed in my presence and sworn to before me this 24th day of MARCH, 2017.



Rebecca Wilson
Notary Public

My Commission Expires: 06/11/2018

WATER RESOURCES
RECEIVED

MAR 27 2017

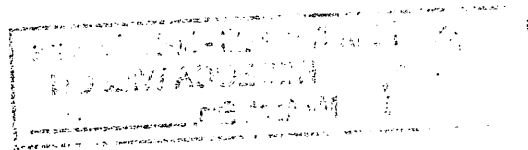
KS DEPT OF AGRICULTURE

**MINIMUM DESIRABLE STREAMFLOW FORM TO BE USED WHEN
APPLICABLE WHEN FILING AN APPLICATION FOR PERMIT
TO APPROPRIATE WATER FOR BENEFICIAL USE**

The Kansas Legislature has established minimum desirable streamflows for the streams listed below. If your proposed diversion of water is going to be from one of these watercourses or adjacent alluvial aquifers, please complete the back side of this page and submit it along with your application for permit to appropriate water.

Arkansas River
Big Blue River
Chapman Creek
Chikaskia River
Cottonwood River
Delaware River
Little Arkansas River
Little Blue River
Marais des Cygnes River
Medicine Lodge River
Mill Creek (Wabaunsee Co. area)
Neosho River

Ninnescah River
North Fork Ninnescah River
Rattlesnake Creek
Republican River
Saline River
Smoky Hill River
Solomon River
South Fork Ninnescah
Spring River
Walnut River
Whitewater River





Scan of WWC5 Form

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

1 LOCATION OF WATER WELL: Fraction Near 1/4 Center 1/4 NW 1/4 Section Number 18 Township Number T 22 S Range Number R 6 **W**
 County: Reno
 Distance and direction from nearest town or city street address of well if located within city?
3 miles East of Nickerson

2 WATER WELL OWNER: James Hurd Trust Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: c/o John Knipp Bank IV Application Number: 41,316
 City, State, ZIP Code: P.O. Box 1488, Hutchinson, KS 67504

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: DEPTH OF COMPLETED WELL: 62 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1. 62 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 1.0 ft. below land surface measured on mo/day/yr: 10-7-94
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: 1500 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 30 in. to 62 in. 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 Monitoring well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes X No _____

4 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Gued X Clamped _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
 2 PVC 4 ABS 7 Fiberglass Threaded _____
 Blank casing diameter: 16 in. to 32 in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia. _____
 Casing height above land surface: 12 in. weight: 16.15 lbs./ft. Wall thickness or gauge No. 500
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 32 ft. to 62 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 62 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout intervals: From 0 ft. to 20 ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: None within 1/4 mile 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage

Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top Soil-Sandy			
3	10	Tan Clay			
10	51	Course Sand & Gravel			
51	52	Brown Clay			
52	62	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) 10-7-94 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/yr) 10-17-94 under the business name of Peterson Irrigation Inc. by (signature) Mike Peters

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRINT FULLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send two (2) copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66603-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNERS and retain one for your records.

Kansas Geological Survey
 Comments to webadmin@kgs.ku.edu
 URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html

WATER RESOURCES RECEIVED

MAR 27 2017

KS DEPT OF AGRICULTURE SCANNED

FEE SCHEDULE

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

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

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

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

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

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

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

MAKE CHECKS PAYABLE TO THE KANSAS DEPARTMENT OF AGRICULTURE

ATTENTION

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

CONVERSION FACTORS

1 acre-foot equals 325,851 gallons

1 million gallons equal 3.07 acre-feet

WATER RESOURCES
RECEIVED

MAR 27 2017

KS DEPT OF AGRICULTURE

OBTAINED

Wells Within ½ Mile

1. Domestic Well
Crosscreek Partners LLC
C/O Peoples Bank & Trust
601 E. 30th Street
Hutchinson, KS 67502
2. Domestic Well
Galen Moore Rev Trust
7517 N Dean Rd.
Nickerson, KS 67561
3. Domestic Well
Clinton Moore & Sons Inc.
7517 N Dean Rd.
Nickerson, KS 67561
4. Domestic Well
Moore Trust
8115 N Dean Rd.
Nickerson, KS 67561
5. Irrigation Well – Water Right No. 16958
Sharon M. Blank Revocable Trust
116 E. 108th Ave.
Hutchinson, KS 67502

WATER RESOURCES
RECEIVED

MAR 27 2017

KS DEPT OF AGRICULTURE

SCANNED



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

March 30, 2017

SHARON M BLANK REVOCABLE TRUST
116 E 108TH AVE
HUTCHINSON KS 67502

FILE COPY

RE: Application
File No. 49805

Dear Sir or Madam:

Your application for permit to appropriate water in 18-22S-6W in Reno County, was received and has been assigned the file number noted above.

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

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

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

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

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

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

Sincerely,

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

BAT: dlw
pc: STAFFORD Field Office
GMD 2

SCANNED



1:24,000



Legend

- Points of Diversion
- Place of Use

Section 18, Township 22 South, Range 6 West
Reno County, KS

New Application, File Nos. 49,805 & 49,806
Change Application, File Nos. 16,958 & 41,316

AM/DWR
Date: 7/3/2017

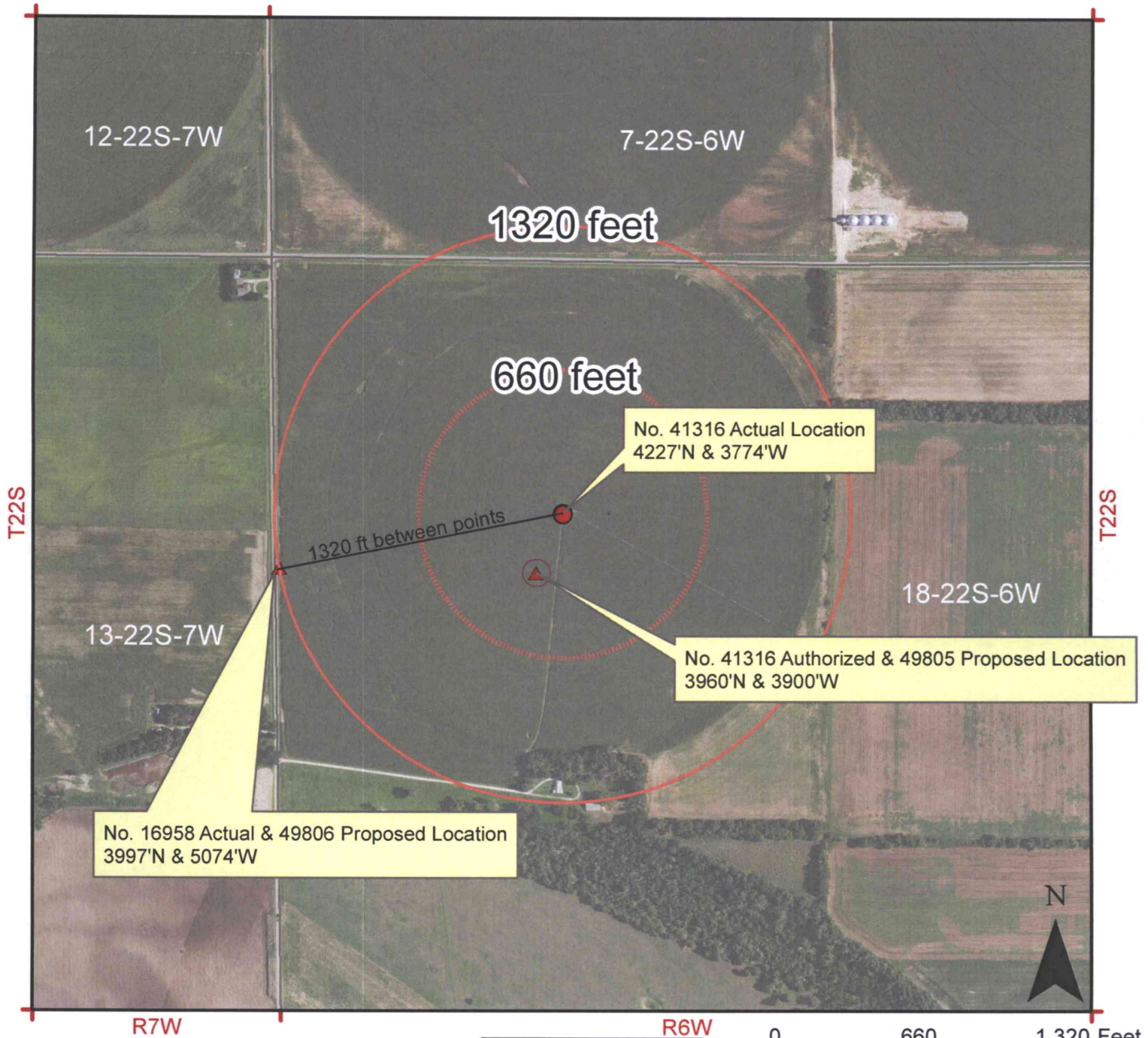
SCANNED

Equus Beds Groundwater Management District No. 2

SPACING EVALUATION No 49805

LOCATION: SWNENW (4227'N & 3774'W) 18-22S-06W, Reno County

Prepared By: Stephen Flaherty Date: 9/21/2017



No. 16958 Actual & 49806 Proposed Location
3997'N & 5074'W

No. 41316 Actual Location
4227'N & 3774'W

No. 41316 Authorized & 49805 Proposed Location
3960'N & 3900'W

WATER RESOURCES RECEIVED

SEP 27 2017

KS DEPT OF AGRICULTURE



Equus Beds Groundwater Management District No. 2
313 Spruce Street, Halstead, KS 67056
316-835-2224, equusbeds@gmd2.org

Map Legend

- Monitoring Well
- Bedrock
- GMD2 Boundary
- Legal Sections

- Proposed Point of Diversion
- ▲ Authorized Location

- Burton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area



0 660 1,320 Feet

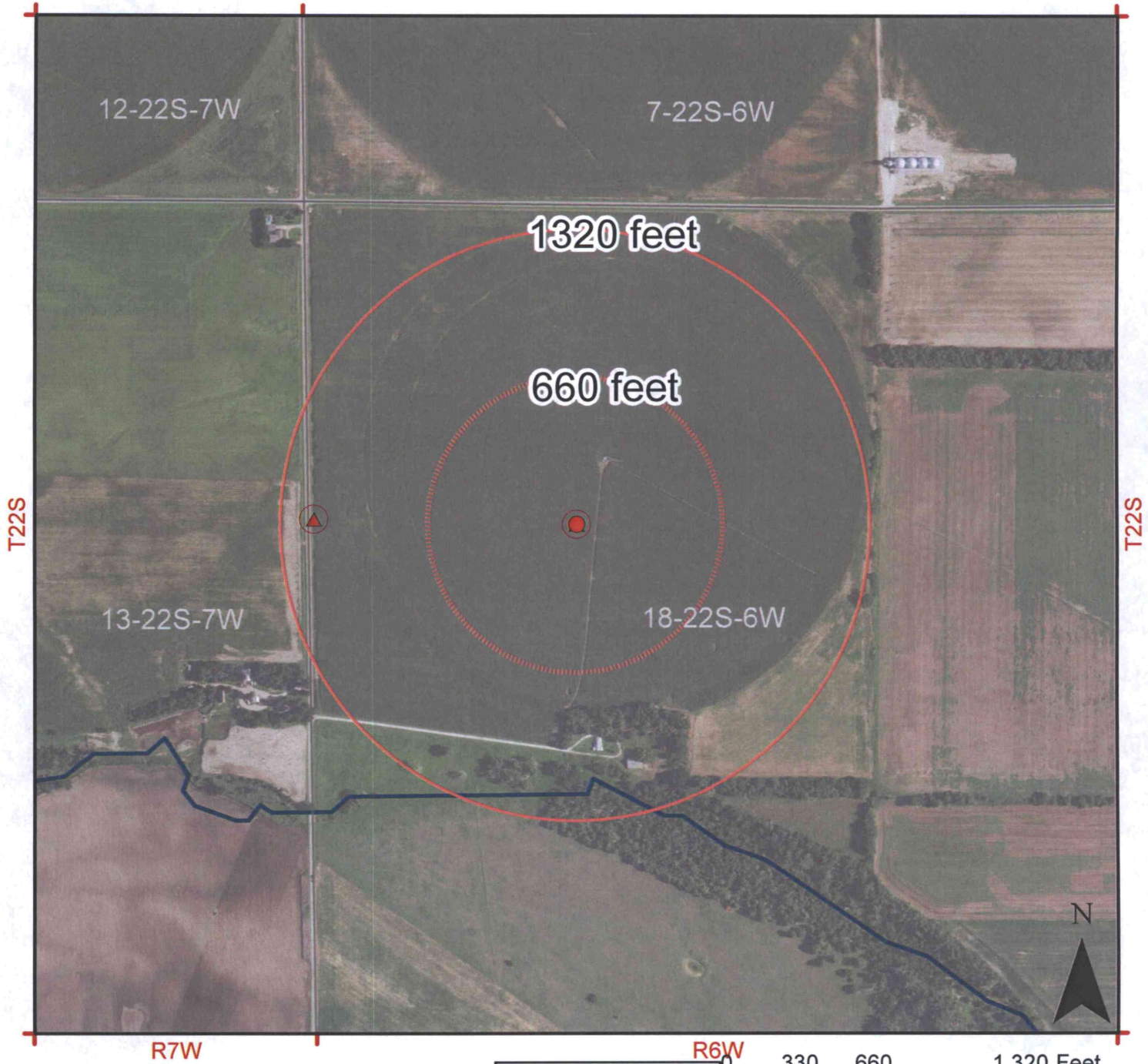
SCANNED

Equus Beds Groundwater Management District No. 2

SPACING EVALUATION No 49805

LOCATION: NCNW (3960'N & 3900'W) 18-22S-06W, Reno County

Prepared By: Stephen Flaherty Date: 8/22/2017



WATER RESOURCES RECEIVED

SEP 27 2017

KS DEPT OF AGRICULTURE

Map Legend

- Observation Well
- Bedrock
- Sections Named

- Proposed Point of Diversion
- ▲ Authorized Location

- Burrton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area



Equus Beds Groundwater Management District No. 2
313 Spruce Street, Halstead, KS 67056
316-835-2224, equusbeds@gmd2.org



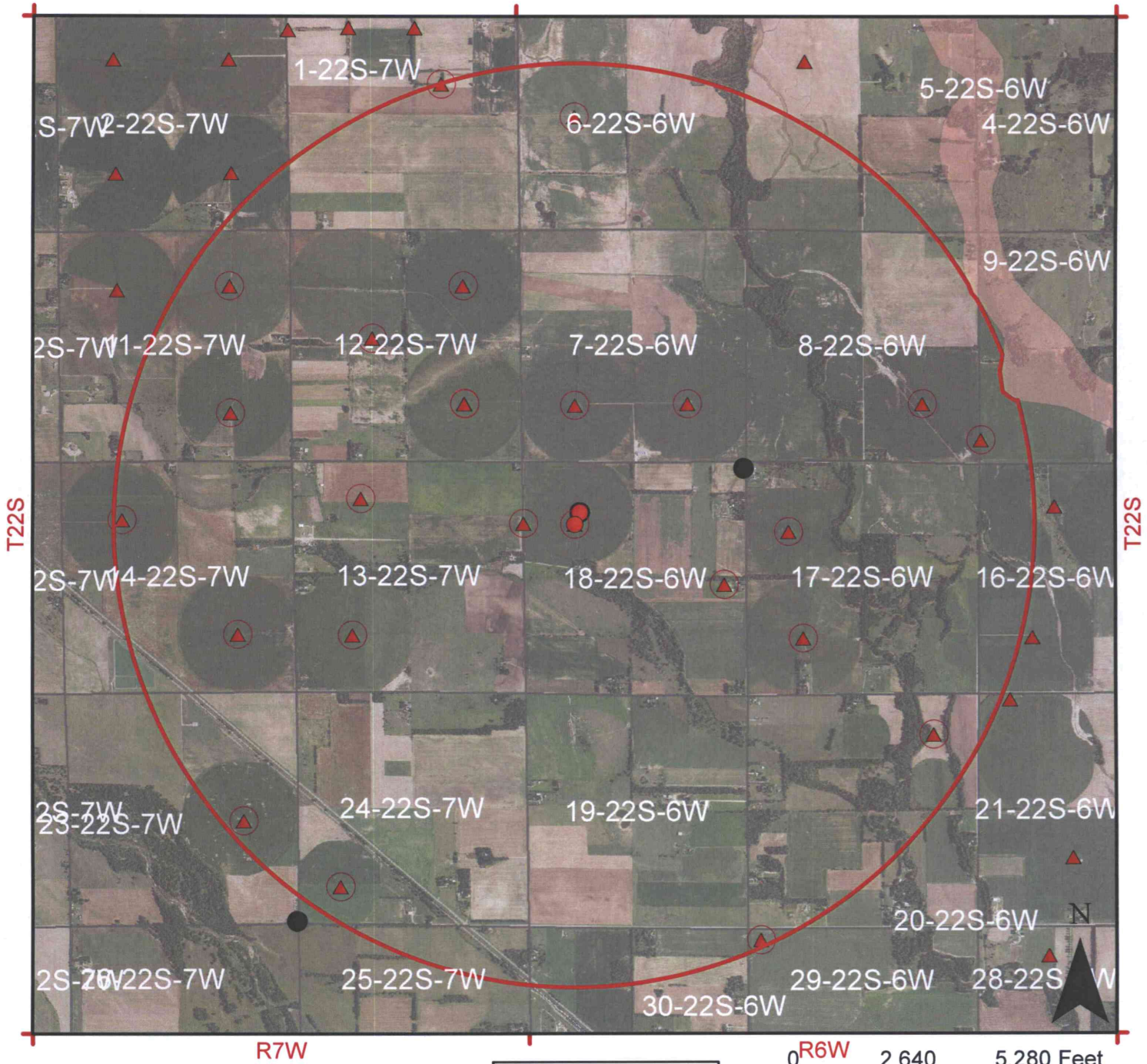
SCANNED

Equus Beds Groundwater Management District No. 2

SAFETYIELD EVALUATION NO 49805

LOCATION: NESWNW (3960'N & 3900'W) 18-22S-06W, Reno County

Prepared By: Stephen Flaherty Date: 9/21/2017



WATER RESOURCE RECEIVED

SEP 27 2017

KS DEPT OF AGRICULTURE



Equus Beds Groundwater Management District No. 2
313 Spruce Street, Halstead, KS 67056
316-835-2224, equusbeds@gmd2.org

Map Legend

- Monitoring Well
- Bedrock
- GMD2 Boundary
- Legal Sections

- Proposed Point of Diversion
- ▲ Authorized Location

- Burrton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area



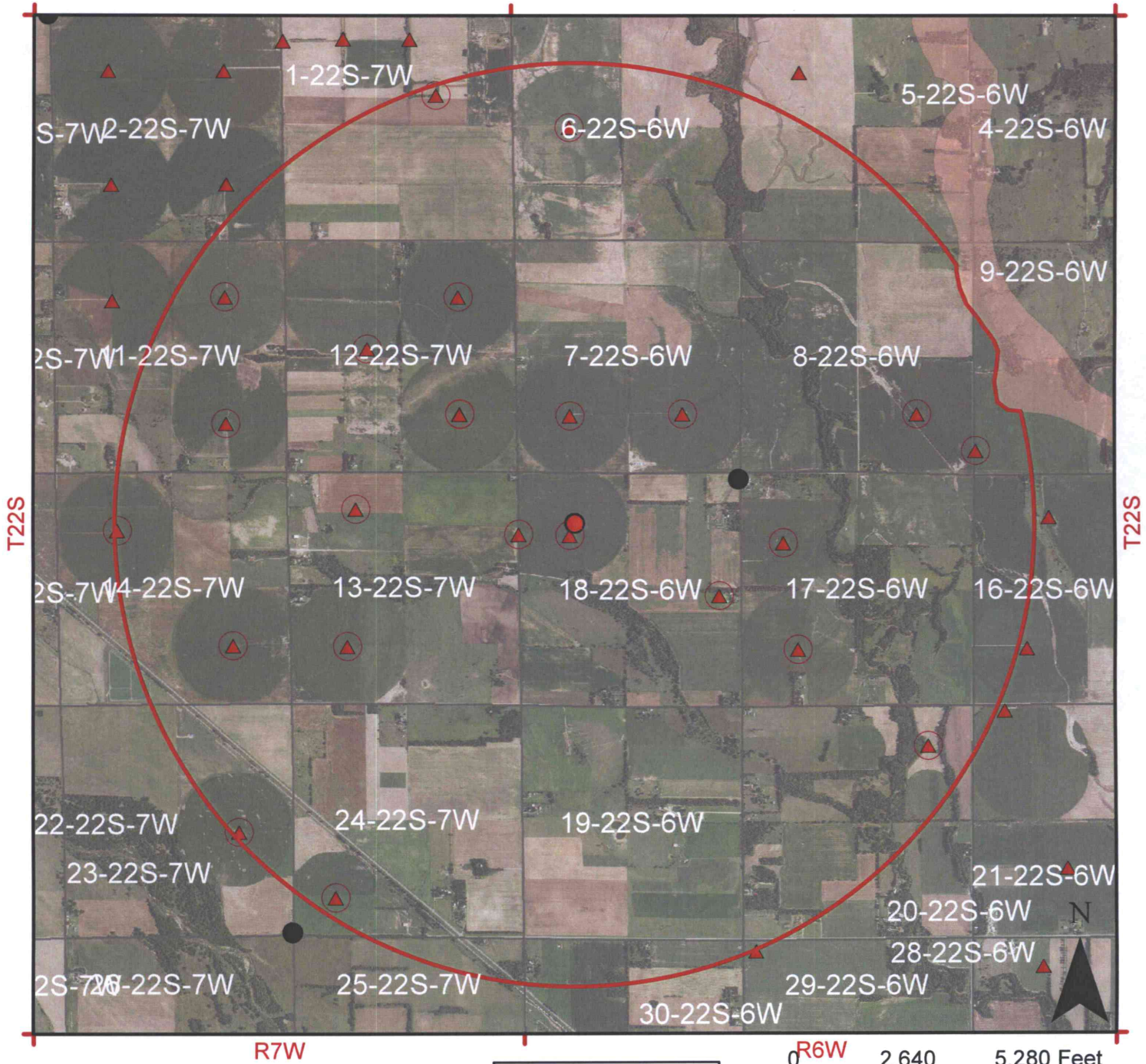
SCANNED

Equus Beds Groundwater Management District No. 2

SAFETYIELD EVALUATION NO 49805

LOCATION: SWNENW (4227'N & 3774'W) 18-22S-06W, Reno County

Prepared By: Stephen Flaherty Date: 9/21/2017



R7W

R6W 0 2,640 5,280 Feet

WATER RESOURCES RECEIVED

SEP 27 2017

DEPT OF AGRICULTURE



Equus Beds Groundwater Management District No. 2
313 Spruce Street, Halstead, KS 67056
316-835-2224, equusbeds@gmd2.org

Map Legend

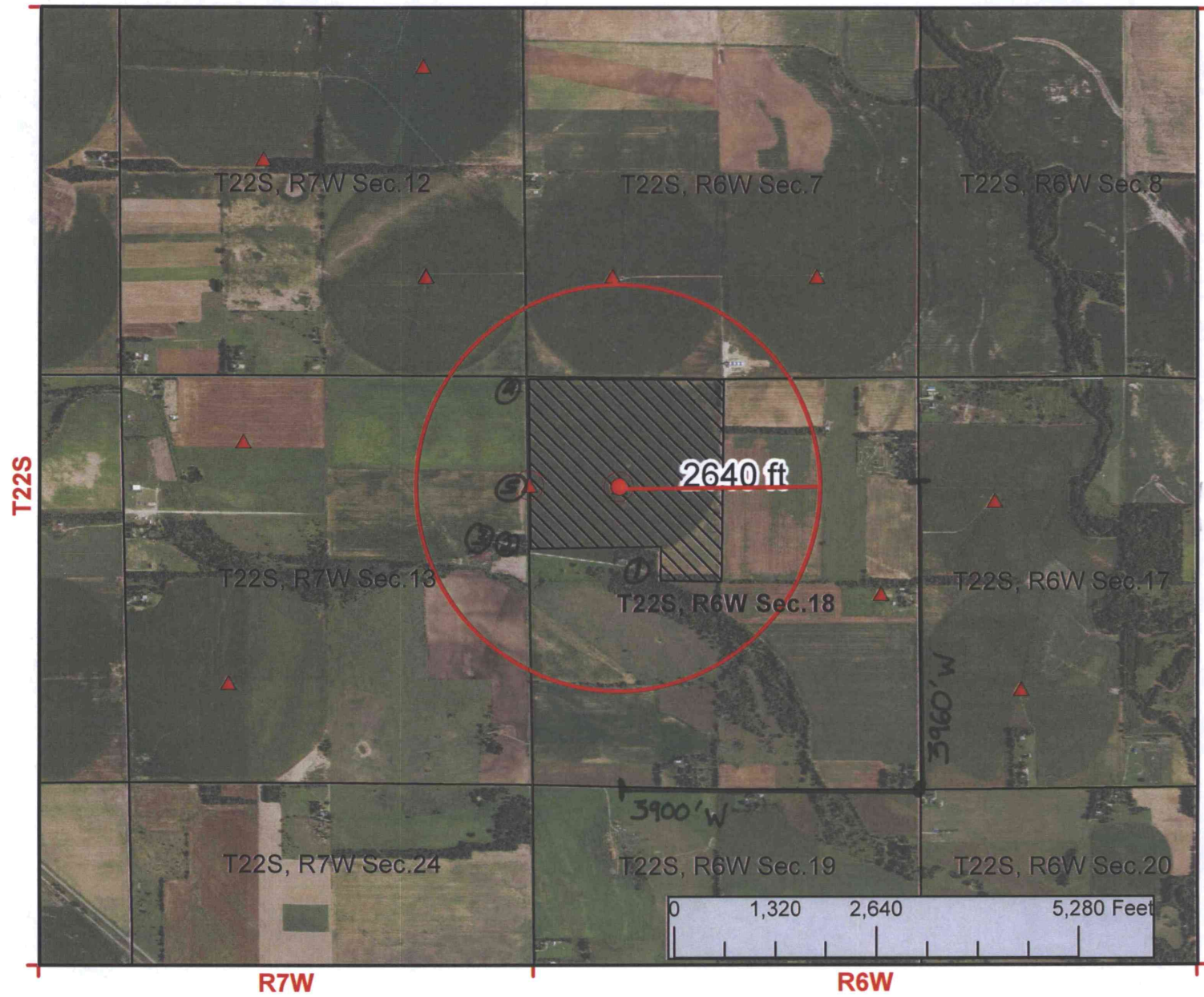
- Monitoring Well
- Bedrock
- GMD2 Boundary
- Legal Sections
- Proposed Point of Diversion
- ▲ Authorized Location

- Burrton IGUCA
- Hollow Nikkel SWQUA
- McPherson IGUCA
- Enhanced Well Spacing Area
- Application Suspension Area



SCANNED

New Application Map



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

Sharon M Blank
Signature

3-24-17
Date



- New Application
- Application No. To Change:
 - Point of Diversion
 - Place of Use
 - Use Made of Water

WATER RESOURCES RECEIVED
MAR 27 2017
KS DEPT OF AGRICULTURE

- Proposed Point of Diversion
- Existing Points of Diversion
- Proposed Place of Use
- Authorized Place of Use

See attached list for surrounding well owners